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MONTREAL.

50 First Prizes for Products from Dupuy & Ferguson's Seeds.

Twenty Nine First Prizes awarded at the Lachine Horticultural Society Exhibition, August 1914, and Twenty One First Prizes at the Montreal Horticultural Exhibition, Sept. 1914, to Mr. F. S. Watson, of Lachine, Que., on products grown from seeds supplied by us.

FIRST PRIZE COLLECTION OF VEGETABLES.
Exhibited by M. Robt. Burrows, gardener to R. B. Angus, Esq., at the Annual Exhibition of the Montreal Horticultural Society, September 1914.

Annual Exhibition of the Montreal Horticultural Society, Sept. 1915

Dupuy & Ferguson offer through the above society the following **Special Prizes** to be awarded for Best collection of Vegetables.

First prize, A handsome Silver Cup, Value $25.00

Second prize, $10.00 in Cash.

Third prize, $5.00 in Cash.

DUPUY & FERGUSON'S

Annual Descriptive Catalogue of High Grade Seeds

The fact that each succeeding season finds us with many more customers on our books, we believe is due largely to the quality of seeds we have been sending out, and the sales have spread until our seeds are now planted from the Atlantic to the Pacific. In no business is it so difficult as in this, where qualities vary to an extraordinary degree, and where poor qualities are often the result of Nature's shortcomings. It is only possible by the exercise of the most watchful care on our part, bringing expert knowledge and personal attention to bear upon all matters connected with our ever increasing business, to keep up the high standard already attained.

OUR SEED TRADE is entirely through this catalogue. We send out no commission seeds, and do not have to carry a large stock of the old seeds to provide for a fluctuating dealer's trade. We **test the seeds** we offer and take every precaution to insure satisfactory results.

HOW TO ORDER In ordering, please be particular to sign your name in full, also that of your **Post Office** and **Province** plainly; **also** mention the mode of conveyance you prefer — whether by **Mail, Express** or **Freight.** Serious delays are sometimes occasioned by failing to give attention to these matters. Please use **order sheet** found in front of every catalogue, carefully filling out blank space at top for shipment directions. **Extra order sheets** and envelopes can be had on application.

FLAG STATIONS Freight charges must be included in all orders for goods addressed to flag stations. Otherwise it will be necessary to reduce quantities to allow for freight, as the charges to flag stations must always be prepaid.

ORDERS from new customers (to secure prompt attention), should be accompanied with remittance, or satisfactory references.

MARKET GARDENERS it will put money in the pocket of every market gardener, receiving this catalogue, who has not already received a copy of our **WHOLESALE PRICE LIST for MARKET GARDENERS,** to ask for it at once. Private planters need not apply for it, as it is intended only for those raising truck for sale.

CHANGES OF RESIDENCE In order that our Catalogue may be forwarded regularly, we shall feel obliged if Customers will inform us of a change of residence. To any Customer who may fail to receive a Catalogue at the usual time, we will gladly send another copy on receipt of a line.

ERRORS We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the pressure of business, errors may occur, in which event we wish to be promptly notified of the fact and we will make such corrections as will be satisfactory.

GARDENERS' AND HEAD-FARMERS' SITUATIONS We have at times the names of practical gardeners and farm managers in want of situations on our books. If parties desiring such will write us, we shall be glad to put them in communication with men that we deem suitable. To aid us in making a selection we ask full particulars. We make no charge for this service.

GUARANTEE We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

Dutch Bulbs To plant in the Fall, to bloom in the Spring for Greenhouse or Window Culture.

Our Bulb Catalogue giving a complete description of Dutch Bulbs hardy shrubs ornamental trees and other fall goods will be ready for mailing about September 1st. This will give you full information on how, when and where to plant. If you are interested send us your name and address and Catalogue will be mailed postpaid about September 1st.

25 Cts. WORTH OF SEEDS EXTRA is allowed on each ONE DOLLAR sent for Seeds in Regular Retail Packets.

This premium can be selected only in *seeds by the regular retail packets.*

For Index of Contents of this Catalogue, see last page

DUPUY & FERGUSON

38 Jacques Cartier Square, Montreal. Phone Main 4503.

Artemisia Saccorum Viridis.

THE SUMMER FIR
(Artemisia Saccorum Viridis)

A new annual ornamental foliage plant from China. It is described as forming pyramidal bushes 3 to 5 feet in height, which, grown as an individual specimen, looks like a finely grown Christmas tree, and can be used in groups or lines in the same way as the Kochia or Summer Cypress. The fine pinnate foliage is a rich dark green, and can be used when cut to great advantage in connection with flowers of any kind. As a class the annual Artemisias are easily grown, doing well in even the poorest soil. A most interesting novelty. Pkt., 15c.

AMPHICOME EMODI

A very graceful ornamental greenhouse plant with erect bell-shaped flowers which resemble Incarvillea Delavayi though smaller the plant is of dwarf habit, with numerous rose-pink flowers, with orange throat, which open in succession, and are borne on long stalks well above the pinnate foliage making a most charming effect. Pkt., 75c.

AQUILEGIA, D. & F's Long Spurred Varieties

This grand strain has been much admired wherever exhibited. The seed is saved from selected plants only chosen either for size, form, or delicacy of colouring. The colours are distinct shades of red, cerise, white, lavender, salmon, mauve, pink, yellow, etc. The size of the blooms are unusually large with long spurs, foliage small and graceful, and plants very free flowering. Pkt., 20c.

ANTIRRHINUM, Improved Giant-Flowering.

The Antirrhinum now rivals the Sweet Pea in popularity and is grown extensively under glass as well as for bedding out. The tall, graceful spikes are excellent for vases and general decorative purposes. Planted in beds, borders, or among shrubbery, they present a most striking effect.

The varieties offered below are the best and most improved of the largest flowering sorts. The blooms are double the size of the older kinds.

Dobbie's Brilliant. — A most beautiful variety; color brilliant carmine; an entirely new shade in Snapdragons. Pkt., 15c.

Dobbie's Cottage Maid. — A charming bedding variety, pale rose and white. Pkt., 15c.

Dobbie's Crimson King. Pkt., 15c.

Dobbie's White Queen. Pkt., 15c.

Dobbie's Yellow Queen. Pkt., 15c.

Venus. — A lovely pink shade on white ground, set off by a pure white throat. The long stalks are thickly studded with large flowers of the finest form. Pkt., 15c.

ASPARAGUS PLUMOSUS Hatcheri

It would hardly be possible to praise this new type too much. It is of very rapid growth, the fronds set closer on the stems than the very best type of Plumosus Nanus, making a fuller, heavier string, and when cut lasts longer in good condition than any other, and is just as good for bunching as the old sort. Pkt., 25c.

BRAZILIAN MORNING GLORY

Magnificent summer climbing annual. It grows with the greatest vigor and luxuriance. The leaves are 8 to 10 inches across, overlapping each other and making a dense shade. The vine is covered with short reddish hairs which, with its immense leaves and large clusters of curious seed capsules render it highly ornamental. We know of nothing better for quickly covering a piazza, arbor or tree. The flowers are of a beautiful rose color, and are borne in large clusters. Pkt., 10c.; oz., 40c.

BASKET BEGONIA SEED

(Tuberous) Begonias suitable for growing in hanging baskets. They are especially suited for hanging in greenhouses, conservatories, etc., as they are very light and graceful in appearance. Mixed colours. Per pkt., 50c.

BEGONIA Hybrida Pendula

One of the new drooping tuberous rooted **Begonias**; may be used in the same way as the Ivy Leaved Geranium. The pretty hanging shoots are tightly covered with strangely formed, loosely double flowers, giving a very striking effect when used in hanging baskets; is of rapid growth; grows well either in a half shaded or wholly shaded place, but plenty of air is required. The flower petals are very long and narrow, somewhat turned and waved, giving the flower a pleasing effect; range in color from light rose to carmine, and sometimes a salmon shade. Per pkt., 25c.

CANTERBURY BELLS

Godfrey's Superb Strain

This is without doubt the finest strain of Campanula medium Calycanthema yet offered. It was exhibited at several shows last season and attracted great attention.

The flowers are much larger than those of other strains and of perfect form both in cup and saucer. The colours are very varied, in about ten shades of White, Blush, Rose Pink, Deep Pink, Mauve, Lavender, Lilac and Violet. Pkt., 20c.

CAMPANULA PERSICIFOLIA

Moerheimi

One of the finest Campanulas, with long spikes of double white flowers. A great acquisition. Pkt., 20c.

WELL'S NEW EARLY FLOWERING SINGLE CHRYSANTHEMUM

A remarkable new race of single Chrysanthemums flowering abundantly the first year from seed; equal to the best named sorts.

Directions.—Sow end of February, or early in March, in pots or boxes, in a frame or greenhouse, prick off when ready, and treat exactly the same as Ten Weeks Stocks or Asters. Pkt., 25c.

CALCEOLARIA VEITCHI, White

Award of Merit, Royal International Horticultural Exhibition, 1912. New hybrid, milk-white in color; strong habit of growth, with strong, healthy, lance-shaped, shining, serrated foliage. Plants bear an abundance of bloom the first season, grow to a height of 3 feet and are very bushy. Strongly recommended. Pkt., 75c.

Cosmos Lady Lenox.

CALCEOLARIA, "Cotswold Hybrid"

THE FINEST NOVELTY AMONGST HYBRID CALCEOLARIAS YET RAISED

For house, conservatory, and cool greenhouse decoration we know of nothing more effective than well-grown plants of these hybrids, and they are bound to take at once a leading place amongst plants for this purpose.

The flowers are about as large again as those of Clibrani, and vary in colour from clear golden yellow, lemon yellow, light bronze, deep and light brown — in some cases being lightly spotted like the herbaceous varieties.

In foliage and habit of growth the hybrids take after Clibrani, and well-grown make plants 2½ feet high and are simply smothered with their graceful and beautifully coloured flowers. The plants are most continuous flowering lasting in full bloom under cool greenhouse treatment from April until July or August . Stock very limited. Pkt., 75c.

BURBANK'S RAINBOW CORN

A new and unique plant from Luther Burbank who says of it: "Beautiful as the most beautiful Dracaenas. Broad stripes of crimson, yellow, white, green, rose and bronze. This has been on exhibition by the California Development Board during the past season and has been the admiration of everybody. Nothing like it for decorative purposes, either for garden or for cutting. As easily grown as field corn." Pkt., 15c.

NEW OSTRICH PLUMED CELOSIA, Pride of Castle Gould

An entirely distinct type of **Celosia pyramidalis Plumosa.** Of upright compact growth, 2 to 3 feet high, with large fine feathered heads in many variations of shades and self colors. Among the more distinct colors will be found Blood-Red, Carmine, Deep Scarlet, Wine-Red, Salmon, Yellow and Orange. Valuable either as a pot-plant or for bedding for sunny situations. Pkt., 15c.

LADY LENOX COSMOS

The highest development in Cosmos

The long-stemmed flowers are of immense size, frequently measuring 5 inches across. The petals are broadly oval and overlap, forming a circular flower of perfect symmetry, having splendid substance and lasting qualities. Unsurpassed both for garden decoration and as cut flowers; height 6 to 7 feet. The flowers are produced in great abundance if the plants are not allowed too much root-run. A rather dry sunny border, which has not been too well manured, is the place for them. To have them in bloom in June, sow under glass middle of February. When showing first pair of rough leaves, prick off and plant into 3 inch pots, and when large enough, into 5 inch pots. Keep the plants pinched and grow as cool as possible. As soon as it is safe to do so, transfer them to a cold frame and take off the lights completely except in case of frost or cold winds.

Lady Lenox, Pink. — Lovely shell-pink, lighting up well at night. Pkt..... 15c

Lady Lenox, White. (New.) — A fine pure white selection of the above. Pkt..... 20c

THE SENSATIONAL CARDINAL CLIMBER

This glorious and absolutely distinct new Annual Climber originated with Mr. Logan Sloter, of Ohio, as the result of a cross between Ipomoea Quamoclit, the Cypress Vine, and Ipomoea Coccinea, the Star Glory, and was named and introduced in 1912.

Unquestionably the most beautiful and brilliant annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like, laciniated foliage and literally covered with a blaze of circular fiery cardinal-red flowers from mid-summer till frost. The flowers are about 1½ inches in diameter, and are borne in clusters of 5 to 7 blooms each, and wherever it has been grown during the past two seasons has attracted more attention and favorable comment than any other plant in the garden. It delights in a warm, sunny situation and good soil. The seed may be started indoors in April, but it is best to wait until the weather gets warm and settled, and then sow out of doors. In either case it is well to file or cut through the hard outer shell of the seed or steep in warm water until they begin to swell, which greatly assists in a free and quick germination. If sown in cold wet ground the seed is liable to rot. Pkt., 25c.

NAMED VARIETIES of DELPHINIUM

This splendid perennial never looks pretty unless it is well massed in clumps of one shade. We herewith offer seeds of several extremely choice varieties which should come fairly true and are absolutely fresh and of strong germination.

Delphinium, Belladonna (Everblooming Hardy Larkspur). This is the freest and most continuous blooming Hardy Larkspur, never being out of flower from the end of June until frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower, and no hardy border is complete without a liberal planting of this really exquisite Larkspur. Pkt., 20c.

Delphinium, Lize. — Sky-blue, white eye. Pkt., 20c.

Delphinium, Queen Wilhelmina. — Soft blue, with rose. Pkt., 20c.

Delphinium, King of Delphiniums. — Dark plum, white eye. Pkt., 20c.

Delphinium, True Blue. — Finest blue. Pkt., 20c.

Delphinium, Rozeniust. — Combined rose and blue. Pkt., 20c.

Delphinium, Blue Butterfly. — Height 15 inches. The greatest acquisition in blue annual flowers for many years. The Royal Horticultural Society, when granting it the Award of Merit, stated in their report that it is "a dainty annual of bushy branching habit, and very floriferous." The seed should be sown early, in heat, and grown on in pots until ready for bedding out. Late sowings do not make effective plants until too late in the season. Pkt., 20c.

Celosia Pride of Castle Gould.

DIANTHUS Latifolius Atrococcineus, Fl. Pl.

(Everblooming Hybrid Sweet William). — This is a cross between an annual Pink and a Sweet William, combining the free and continuous blooming qualities of the former with the hardiness of the latter; in color an intense velvety crimson scarlet; blooms the first year from seed and one of the finest subjects for any position in the garden. Pkt., 15c.

ESCHSCHOLTZIA FIMBRIATA

In 1914 we had the pleasure of offering a novelty of a different character from any other known Eschscholtzia; the first fringed variety ever introduced. It is of the Californica type with deep coloured base to the petal, and prettily fringed. Pkt., 20c.

ESCHSCHOLTZIA, The Rajah

Introduced last season, brings a new colour in Eschscholtzia, which can best be described as a purplish carmine. Pkt., 20c.

GERBERA, Jamesoni Hybrida

New Hybrids of the Scarlet Transvaal Daisy, varying in color through all the shades of yellow, red, rose, salmon, scarlet and crimson to violet. In addition to the new colors above produced by artificial crossing, the flowers of these new hybrids are larger in size and the plants are of sturdier habit than the parents. They are exquisite as cut flowers, and we recommend them for trial to those who can give them greenhouse treatment similar to that required for Carnations. Pkt., 75c.

DOUBLE-FLOWERING BABY'S BREATH. (Gypsophila Paniculata Fl. Pl.

The double form of Gypsophila Paniculata has been well known amongst growers of perennial plants for some time, both for its great value as a decorative herbaceous plant and its snow-white flowers for floral work. The flowers also dry exceedingly well, and afford excellent material for winter decoration. We are now able to offer seed of this valuable plant, which, like Double Petunias, does not produce all double flowers, but 50 to 60 per cent. may be relied upon. Pkt., 25c.

GENISTA ANDREANA

A handsome Broom with a profusion of flowers with bright yellow standards, and a conspicuously marked deep crimson falls, it will bloom freely the second season from seed. Pkt., 50c.

GAILLARDIA GRANDIFLORA
Kelway's Exhibition Strain

Entirely distinct from the old kind, and from that offered by other growers. A grand new improved strain. Enormous flowers and very stout habit. Many Medals and Certificates have been awarded by the Royal Horticultural and other Societies. Seed saved from 12 choice separate varieties, per pkt., 25c.

GEUM COCCINEUM,
"Mrs. Bradshaw"

This fine variety produces very large flowers, 2 inches or more across, semi-double, with large waved petals of the most brilliant scarlet. They are borne on long wiry stems continuously from June to October.

For cutting purposes it is most useful, while for border decoration it will be found superior to all other varieties of Geum. Pkt., 25c.

LOTUS PELIORHYNCUS

A beautiful greenhouse perennial, with silvery foliage and large bright coral-red flowers; most suitable for hanging baskets, pillars or trellis work. Pkt., 75c.

Gaillardia Kelway's.

HOLLYHOCK, New Annual Everblooming

This is one of the best introductions of late years. Seed sown in the houses in March will produce flowers in July on plants 4 feet high. The plants do not attain their perfection until their second year, when they grow 7 to 10 feet high and flower continuously from June till frost. The foliage is distinct and not subject to any disease. These plants are perfectly hardy and will live longer than the old-fashioned kind. Double mixed. Pkt., 15c.

IMPATIENS, Holstii Leignitzia

Dwarf compact growing variety of the attractive Impatiens Holstii. It forms regularly branched bushes, from 6 to 8 inches in height by 10 to 12 inches in breadth, and produces its lovely fiery-red flowers in the greatest profusion throughout the season. Planted out of doors in a half shady situation or grown in pots, this dwarf variety will always be very effective and showy. Pkt., 20c.

LAVATERA SPLENDENS "Sunset"

This new variety, "Sunset", we claim to be a great advance on any Lavatera yet introduced, the charming brightness of its colour, a very deep rose pink, being most effective. The habit of the plant is also an improvement on any other variety in commerce, growing to a height of 2 to 2½ feet, and more compact. Very useful for beds and pots, and as a cut flower it lasts a considerable time. Pkt., 20c.

LUPINUS Polyphyllus Moerheimi

The finest of all hardy Lupinus, and offered in seed form for the first time last year. Plants are of robust habit, about 3 feet high, bearing spikes over a foot long of beautiful flowers; in color and combination of pure white and dark pink. Pkt., 15c.

MIGNONETTE, Dobbie's Giant

The largest most robust, and fragrant variety in commerce, producing in great profusion the largest spikes of flowers yet known, many of them measuring from 14 to 18 inches in length, and plants carry, when well-grown, 50 to 60 spikes. Invaluable for competition cutting or bedding purposes. Pkt., 20c.

MIGNONETTE, Montreal Market

This is an extra choice strain of Mignonette for green-house culture. Our seed is green-house grown, raised by a most careful grower. The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment. The seed is all saved from selected plants having from 3 to 5 shoots to a plant and the spikes measuring from 10 to 18 inches long. Pkt., 25c.

AFRICAN MARIGOLD Dobbie's Selected

Neither trouble nor expense is spared to keep these pure. Every Seed offered being saved from extra special plants bearing the finest double striped flowers only, and we never had the pleasure of offering better Seed than we do this year. Mixed per pkt., 15c.

FRENCH MARIGOLD, Dobbie's Selected

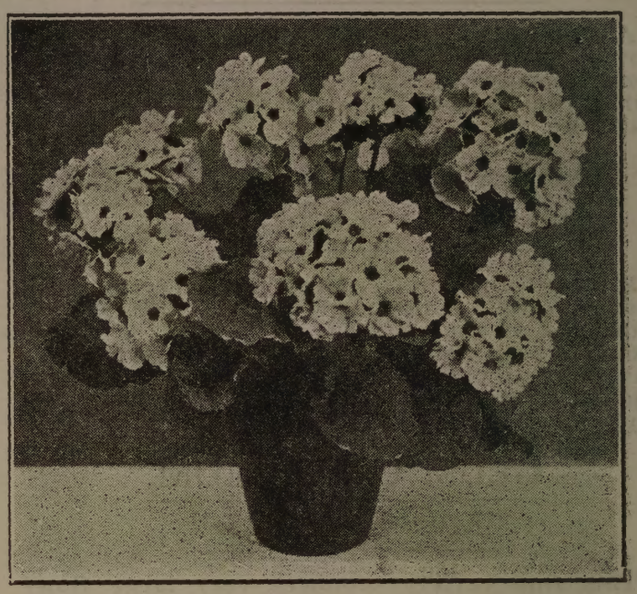
Guaranteed to have been saved from double striped flowers only. Per pkt., 15c.

SUTTON'S POT MYOSOTIS

Forget-me-nots are delightful subjects for flowering indoors at Christmas-time. Sown in June and potted on, the strain we offer produces fine free-growing specimen plants, and a batch should always be reserved for cutting. For table decoration in winter, Forget-Me-Nots are very telling. Height 15 inches. Pkt., 75c.

NIGELLA, MISS JEKYLL, Pure White

Quite a new departure, the well-known Miss Jekyll Nigella in pure white, which stands out bold against the green foliage, and a pretty contrast to the sky-blue of the original variety. Should make a valuable addition to the annual border, most decorative for parlour and florist alike. Pkt., 20c.



Primula Obconica Gigantea.

PANSY, Scotch Exhibition Fancy

A splendid strain, producing a rich assortment of blooms of large size, excellent substance, and the most beautiful colours; having been carefully hybridised, it will give out many striking novelties; mixed, pkt., $1.00.

The best varieties are very shy seeders, hence really good seed is always scarce.

PENTSTEMON Well's Grand Diploma Strain

An entirely new race, giving the most glorious combinations of colors in scarlet, crimson, pink and white. The plants grow 2½ feet high, with flower-spikes 18 inches long, the individual flowers being 2 inches across. A bed of these makes a most brilliant display. Pkt., 25c.

D. & F'S ECLIPSE PHLOX

The most beautiful race of Phlox Drummondii

This variety differs from the ordinary Phlox Drummondii in being more compact in habit of growth, the plants forming dense bushes about 6 inches in height, which are covered with large and brilliantly-coloured flowers. For bedding this is a most brilliantly effective annual type. Separate colors, planted in separate beds, or the scarlet surrounded by the white, or planted in designs, will form a floral picture of incomparable richness of coloring. They are of easy culture — amply repaying generous treatment — succeeding in all sunny positions, beginning to bloom in early summer from spring-sown seed and continuing until close of autumn.

	Pkt.		Pkt.
Apricot color	15c.	**Pure White**	15c.
Fiery Red	15c.	**Sulphur Yellow**	15c.

PRIMULA, Japonica Hybrids, (Mrs. Scott Elliott's)

This is a very fine strain, and is the result of several years careful artificial hybridisation. The colours range from pure white through all shades of pink to deep crimson. The plants are extremely robust, having flower stems carrying fine heads of bloom, frequently attaining a height of 40 inches. Pkt., 25c.

PRIMULA Obconica Gigantea

The strains offered here represent the highest perfection attained in the development of these Everblooming Primroses. The flowers are nearly twice as large as those of the Grandiflora type.

Fimbriata. — Beautiful single fringed flowers as large as the best type of Chinese Primulas. The shades vary from the softest lilac to the deepest pink. Pkt., 20c.

Fimbriata Occulata. — Same colour as above, with a very distinct dark eye which gives it a very pleasant effect. Pkt., 20c.

Purpurea. — The flowers of this novelty are a mass of beautiful brilliant purple. Pkt., 20c.

NEW PRIMULA "Malacoides"

A very lovely variety, producing masses of small mauve flowers on stiff erect stems. These last a long time when cut and placed in water, they possess a delicious perfume and "Primula Malacoides" is undoubtedly a valuable plant for conservatory work. The plants will flower in four months from sowing, and will continue in flower from four to six months. Award of Merit, R. H. S. Pkt., 20c.

PYRETHRUM, New Comet Flowered

A selection of the useful and free flowering perennial Pyrethrum producing large single and semi-double flowers with curled and twisted petals varying in colors from white, through shades of pink and rose to brilliant carmine, and blood red. They furnish excellent material for cutting. Pkt., 25c.

SALVIA Canary Bird

A novel variety of the popular Scarlet Sage, producing good spikes of clear yellow flowers, which contrast nicely with the dark green of the foliage, and a splendid companion to the many scarlet varieties. Pkt., 15c.

SALVIA Aurea Grandiflora

A hardy perennial variety, producing during August and September long spikes of pretty sky-blue flowers in great profusion. 2 to 3 feet. Pkt., 15c.

SCABIOSA, Azure Fairy

A very lovely new color, rich pale blue almost the same shade as the lovely Perennial S. Caucasia, very fine large flower, will prove a valuable addition to the large flowered annual scabious, special selection, superb, intense color. Pkt., 15c.

Stock, White Lady.

EMPEROR SALPIGLOSSIS

This is a splendid strain of these beautiful annuals. The immense, Petunia-like flowers are borne on dwarf, sturdy branching plants, not exceeding 24 inches in height, that do not require staking. The colors, red, blue, yellow, pink, etc., in various shades, are intricately netted, pencilled and veined with golden-yellow or other colors. They are of the easiest culture and flower profusely during the summer. A bed of Emperor Salpiglossis in flower is strikingly beautiful. The long-stemmed flowers are also fine for cut flower decorations.

Light Blue, Veined gold.. .. ..Pkt. 10c.
Bright Crimson .. ..Pkt. 10c.
Pink.. .. ..Pkt. 10c.
Purple-Violet. Veined gold.. .. ..Pkt. 10c.
Lilac. Veined gold.. .. ..Pkt. 10c.
Golden-Yellow.. .. ..Pkt. 10c.
Mixed Colors.. .. ..Pkt. 10c.

COLLECTION of the above 6 separate varieties, 50c.

SOLANUM CAPSICASTRUM MELVINI

Brilliant scarlet, conical-shaped berries. Awarded a First-Class Certificate by the Massachusetts Horticultural Society, also by The Boston Gardeners' and Florists' Club. A very bushy, compact plant, 12 to 15 inches high, covered with brilliant scarlet, conical-shaped berries about ½ inch in diameter, each berry standing well above the dense, dark foliage, making it one of the best winter decorative plants ever introduced, and a money-maker for the florist at Christmas. Seed sown in January or February will produce fine specimen plants full of fruit for the holidays. Pkt., 15c.

STOCK, White Lady

A beautiful new Winter Stock producing strikingly large and very double flowers of a lustrous snowy white. The plants throw up a massive central spike, and, branching freely in candelabra fashion, finally assume the shape of a pyramidal bouquet. Splendid for pots. Pkt., 20c.

STATICE, Sinuata Rosae

The plants grow to a height of 27 to 30 inches and from the beginning of July set with an abundance of rose flowers. For cut flowers on long stalks the Statices are of highest value, also useful for everlasting decorations and bouquets. Seed should be sown in beginning of March. Pkt., 15c.

SWEET WILLIAM, Scarlet Beauty

An intensely rich deep scarlet selection out of Pink Beauty, almost identical in colour to the Euphorbia splendens. A really grand advance. Pkt., 25c.

SWEET WILLIAM, Pink Beauty

A distinct new color in this favorite hardy plant. In color it is what florists call water-melon—pink or salmony-rose. Strikingly brilliant and beautiful; the habit of the plant is perfect, being well-formed, neat and compact, the flowers borne in massive heads on stems 18 inches high. For mid-season mass bedding it has no equal. It is also very effective as a pot plant and for cutting. Pkt., 15c.

VISCARIA "Fire King"

Very free-blooming annual, closely allied to the Lychnis, they form compact plants about 6 to 8 inches high and are covered from early summer till fall with bright scarlet flowers and the plant is most effective when grown in masses or on borders. It is best to sow them where they are to bloom, thinning to prevent overcrowding. Pkt., 20c.

NEW RED SUNFLOWER

A new and distinct break in ANNUAL Sunflowers, growing to a height of six feet. It is of a free-branching habit, producing numerous flowers of a rich chestnut-red, tipped with yellow. It will be found useful and effective when grown on borders, as also in shrubberies, and the smaller flowers, when cut and vased, are most attractive and last long in water, appearing especially well by artificial light. Pkt., 25c.

SUNFLOWER, Starlight

The flowers are large, of very graceful appearance, with petals beautifully twisted like a fine form of Single Cactus Dahlia. The color of the flowers are a beautiful Canary Yellow, and borne on long stems, cannot be excelled for cutting purposes. The form of the flowers is most graceful and lends itself admirably to decorative work, and also have the great merit of lasting a long time in water. Pkt., 15c.

VERBENA HYBRIDA GIGANTEA

Giant-Auricula-Flowered Mixed

New giant Auricula-eyed strain in splendid mixture, surpassing in size and beauty the well-known variety **Mammoth.** The flowers, each well over an inch across, are in great variety of colours, with large clear white eye, giving to the blooms a remarkably effective appearance. Pkt., 20c.

GIANT ZINNIAS

in six separate colors

We offer here six well fixed varieties of the true Giant Zinnia. These new plants are of extremely robust habit and throw up numerous long, firm stalks, crowned with enormous semi-globular, very double flowers; specimens measuring 5 to 6 inches across are by no means rare. 2½ ft.

Sunflower Starlight.

Giant Pure White, Giant Golden Yellow, Giant Scarlet, Giant Crimson, Giant Flesh Color, Giant Purple. Each per pkt., 20c.

The above collection of six colors, $1.00. Mixed per pkt., 15c.

TREATING SWEET PEA PLANTS FOR EXHIBITION FLOWERS

The center growth should be pinched out of the young plant when about three inches high. If two lateral growths are allowed to grow, fine blossoms will be had. Some professionals only keep one lateral. The lateral growths are always more vigorous than the center or original growth. The surface of the ground around the Sweet Peas should be kept moist and a syringing of cold water in the evening keeps the growth healthy.

BUD-DROPPING

We have occasional inquiries about bud-dropping in Sweet Peas. This generally can be attributed to one or other of the following causes:

If the soil was not well firmed after spading bud-dropping will often take place. Tread the soil down well all around the plants.

Sometimes too much water will cause bud-dropping, especially if applied every day or so. The best way is to water only when needed and to then give a good soaking. Keep the top soil well hoed afterwards around the plants.

Excessive feeding with commercial fertilizers, especially in liquid form, will cause the buds to drop, and if there is an excessive amount of nitrogen in the soil the same thing will happen. Such cases can be controlled somewhat by an applications of lime during spading time or a watering with lime water during the growing period.

NEW SWEET PEAS

Eight Grand New Sweet Peas of the Superb "Spencer" Type

Jessie Cuthbertson Spencer. — Those growers who like a good stripe in their collection — and one or two are necessary in every collection —will welcome this grand addition. The ground color is rich cream overlaid with stripes and marblings of bright rose pink. Both standard and wings are alike colored and the whole effect is bold and pretty. Per packet, 25c.

Helen Pierce Spencer. — In 1905 Grandiflora Helen Pierce, met with great favor and was awarded a First-Class Certificate by the British National Sweet Pea Society and an Award of Merit by the Royal Horticultural Society. We have now this variety in true Spencer form. It is a most attractive flower and reminds one of a blue mottled Gloxinia. The ground color is white marbled and pencilled with bright blue in thin lines on both wings and standard. The vines are vigorous and produce an abundance of strong stems carrying invariably four blossoms. Per packet, 25c.

Veiled Bride. — This is a charming novelty. The ground color is white, daintily flaked and marbled with soft rose pink. The wings and standard are alike colored. The form of the flower is all that could be desired, the standard being nicely waved, round and bold. When a bunch of this variety is gathered one must call it "Sweet", the delicate markings of pink being daintiness itself. Per packet, 25c.

New Miriam Beaver. — This is undoubtedly the star novelty for 1915. Many and varied are the shades of pink in Sweet Peas, but in New Miriam Beaver we have an entirely new and distinct shade of pink. It is the daintiest and most pleasing shade of pink yet discovered in Sweet Peas. The color is hard to determine, but we think that a soft shell salmon pink on cream ground lightly overlaid with soft hydrangea pink would convey a good idea of its uniqueness. The color is evenly distributed over both standard and wings and is very light and pretty. The flowers are large, nicely waved — often duplexed — and beautifully placed on long stout stems. All other pinks look "heavy" beside this delightful shade. New Miriam Beaver will be the ladies' favorite wherever Sweet Peas are grown. Per packet, 25c.

Sweet Pea, "Spencer" Type.

Royal Purple (Dobbie's). — The color is as the name describes it — a rich royal purple. The vines are exceptionally vigorous and long, stout stems carrying four large blossoms is the rule. The color is held throughout the life of the flower and at no time does an objectionable blue purple color show up. The color can be used effectively in striking contrasts. Per packet, 25c.

King White. — A perfect white Spencer. The best Sweet Pea novelty of recent times. The white is pure and opaque; stems long, bearing almost uniformly fours; immense petals of finest frilled type. "King White is the clearest white, frequently four on stem. It is the largest and best; big advance on White Spencer or Etta Dyke; the substance and quality of the petals are greater than in any other white." — Note made by Hugh Dickson, of Belfast, June 11, 1912. Pkt., 20c; oz., 75c.

NEW SWEET PEAS—Continued.

Illuminator. — A glorious orange salmon Sweet Pea. In dull light the color appears to be a "flat orange scarlet", but when in brilliant sunshine or under artificial light, the color is completely changed. It appears to be a bright salmon cerise, sparkling with orange. When seen at its best one has to call it "glorious", fully appreciating the meaning of the adjective. Illuminator introduces a new shade of color, to Sweet Pea enthusiasts, of rare beauty and with its additional attributes of great vigor, floriferousness and symmetry, it is sure to captivate all who give it a place in their garden. Awarded Certificate of Merit by the Pennsylvania Horticultural Society. Per pkt., 15c.; oz., 50c.

New Margaret Atlee. — This was the leading novelty last year and it has proved to be a great favorite. The color is warm salmon pink, perfectly suffused over a cream ground. The cream deepens into bright buff at base of standard and wings and this lights up the flower with great effect. The shade of pink found in Margaret Atlee is entirely a new shade and commands admiration. The flowers are of extraordinary size and we measured many flowers two and one-half inches across the standard. This variety bears a large proportion of duplex flowers which greatly adds to its effectiveness. Margaret Atlee gained a Certificate of Merit from the American National Sweet Pea Society. Silver Medal, National Sweet Pea Society of Great Britain, July, 1914. Per pkt., 15c.; oz., 50c.

Grand New Gigantic "Orchid-Flowered" Sweet Peas of the "Spencer" Type

NOTE: We have revised our list to bring it up to date and possibly in doing so have omitted some well known favorites. We shall be only too glad to advise customers of the new varieties which are improvements on any name which is now omitted.

Afterglow. — New pastel shades. Base of standard bright violet blue, shading to rosy amethyst. Wings, electric blue. Requires shading. Per pkt., 15c.; oz. 40c.; ¼ lb., $1.00.

America Spencer. — White ground, heavily striped and flaked with bright crimson scarlet. A large, bold flower of splendid form. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Apple Blossom Spencer. — Very large bold flower of best Spencer form. Standard very bright rose, wings primrose with flush of rose tint. A grand robust variety. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Asta Ohn. — The best lavender Sweet Pea. Is more truly a soft pinkish lavender self. Flowers are very large and beautifully waved. A very charming variety. Per pkt., 10c.; oz., 25c.; ¼ lb. 50c.

Aurora Spencer. — Flowers white, mottled and flaked with bright orange pink. Splendid Spencer form and nicely waved. A very pretty flower and one of the finest and largest Spencers. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Blanche Ferry Spencer. — A giant type of Spencer form, with rose standard and wings white, suffused and tinted with light pink. Per pkt., 10c.; oz., 25c.; ¼ lb. 50c.

Captain of the Blues. — Pure purple. The margin of the petals is marbled. Very large and distinct. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Chas. Foster. — Companion pastel shade to Afterglow. General effect mauve pink, sometimes described as hydrangea pink. Color deepens towards center. Very pretty when shaded. Per pkt., 15c.; oz., 40c.; ¼ lb., $1.00.

Constance Oliver. — Cream ground, beautifully suffused with pale orange pink. A vigorous grower, flowers large and wavy. Per pkt., 10c.; oz., 25.; ¼ lb., 50c.

Countess Spencer. — The original giant flowered Spencer, with finest waved standard and wings clear pink, deepening somewhat towards the edge, but almost self colored. Still one of the best Sweet Peas of to-day. Per pkt., 5.; oz., 25c..; ¼ lb., 50c.

Decorator (Burpee). — This distinct novelty may be described briefly as an ennobled "Rose du Barri" greatly increased in size and brought to true Spencer type. The color is rich rose overlaid with terra-cotta, intensified to deep bright orange at base of wings. Pkt., 15c.; oz., 40c.; ¼ lb., $1.00.

Dainty Spencer. — Very large Spencer, splendid form, white ground, with beautiful picotee edge of rose pink. Per pkt., 10c.; oz., 25c.; ½ lb., 50c.

Doris Usher. — Large salmon pink on cream ground. A beautiful pink for exhibition and garden work. Per pkt., 15c.; oz., 75c.

Elfrida Pearson. — Giant pale pink on white ground. Plants exceptionally vigorous. Most useful pink for decoration and exhibition. Per pkt., 15c.; oz., 40c.; ¼ lb., $1.00.

Ethel Roosevelt. — Light buff primrose, with light pink flakes and stripes. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

ETTA DYKE. — A beautiful white of best Spencer form. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Flora Norton Spencer. — Very nicely waved. The color is bright blue with tint of purple. Per pkt., 10c.; oz., 25c,; ¼ lb., 50c.

Florence Morse Spencer. — Standard richly flushed with a beautiful and distinct shade of pink; wings soft blush pink, giving the flower a charming appearance; very large and wavy. One of the prettiest of Sweet Peas. Per pkt., 10c.; oz., 25c,; ¼ lb., 50c.

Frank Dolby. — A lovely light lavender-blue, one of the best in its color; bold, wavy standard and widely spreading wings. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Gaiety Spencer. — The best bright colored stripe in existence. This is really a handsome Pea. The color is bright rose crimson, striped and splashed on ivory white. Very vigorous and four flowers to each stem. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Geo. Herbert. — A large Spencer rose crimson, suffused with magenta and showing veins in wings. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Helen Lewis. — A very large and fine orange salmon pink, with especially bright orange standard. to each stem. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Irish Belle, or Dream. — The coloring is uniform in both standard and wings, a lovely rich lilac, flushed with pink. Pkt. 10c.; oz., 30c.; ¼ lb. 75c.

King Edward Spencer. — The best pure red Spencer, very large, with especially immense wings. Every one should grow this variety. Our strain is quite sunproof. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Margaret Madison. — A beautiful self-colored azure blue. This was our leading novelty last year and has proved to be a great favorite on account of its exquisite color. Per pkt., 15c.; oz., 40c.; ¼ lb., $1.00.

Marie Corelli. — A bright glowing crimson, almost self color. Fine large flower, beautifully waved. Per pkt., 10c.; oz., 25c.; ½ lb., 50c.

Martha Washington. — A fine large flower, white ground, margined with bright pink suffusing to center of standard and wings. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Grand New Gigantic "Orchid-Flowered" Sweet Peas of the "Spencer" Type.

Maud Holmes. — Rich crimson Spencer, fine large flower and quite sunproof. Practically synonymous with King Edward Spencer. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

May Campbell. — The ground-color throughout is cream, the standard being beautifully marbled in the center with soft carmine which is still deeper on the back of the standard. The wings are pure cream slightly veined with carmine. Pkt., 15c.; oz., 40c.; ¼ lb., $1.00.

Mrs. C. W. Breadmore. — Creamy buff ground, beautifully edged with rose pink. One of the best varieties; flowers large and of best Spencer form; very vigorous. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Mrs. Cuthbertson. — One of the most pleasing Sweet Peas. Standard clear rose pink, wings white with faint flushing of pale rose pink. Very strong and vigorous. Per pkt., 15c.; oz., 40c.; ¼ lb., $1.00.

Mrs. Hugh Dickson. — The best cream pink Sweet Pea. The color is light salmon pink on cream ground. This variety has exceptional vigor and produces large flowers, four on each stem. Should be grown by every one. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Mrs. Routzahn. — A beautiful blending of straw color, tinted with blush pink and shading to apricot and rose at edges. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Nora Unwin. — Beautiful, large white; three flowers frequently come to the stem. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Nubian. — Beautiful rich deep chocolate, the best maroon. Vines vigorous, producing long stout stems carrying invariably four bold flowers. Pkt., 15c.; oz., 30c.; ¼ lb., 75c.

Othello Spencer. — Of immense size, with large drooping wings, rich maroon, very dark and adapted for many attractive combinations. One of the best dark Sweet Peas. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Orchid. (Burpee). — The color is rich deep lavender throughout, slightly suffused pink on both standard and wings. The flowers are practically of a self-color suggesting the rich tone found only in the Cattleya family of orchids. Pkt., 15c.; oz., 40c.; ¼ lb., $1.00.

Paradise Ivory. — A good Spencer, cream with just a suggestion of pink in the newly opened blossoms. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Primrose Spencer. — Morse's Extra Selected Strain. The finest of its class, clear, primrose self of best Spencer form, beautifully waved, flowers large and mostly four blossoms on each stem. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Queen Victoria Spencer. — Very large flower, nicely waved, opens with blush tint, then turns clear primrose; black seeded. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Senator Spencer. — A very large and attractive Spencer variety. Chocolate and seal brown, striped, flaked and mottled on ivory white; very distinct and novel, and one of the very largest in size. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

STIRLING STENT. — Glorious deep salmon suffused with orange; a beautiful Sweet Pea, especially in artificial light, but must be shaded to get true color. Per pkt., 15c.; oz., 40c.; ¼ lb., $1.00.

Sunproof Crimson. — A grand crimson Spencer. Flowers very large and nicely waved. Generally carries four blossoms on each stem. Per pkt., 15c.; oz., 35c.; ¼ lb., $1.00.

Tennant Spencer. — A giant flower of good Spencer form. The color is a curious purplish mauve. Very distinct and pretty. Per pkt., 10c.; oz., 30c.; ¼ lb., 75c.

Thomas Stevenson. — Brilliant orange scarlet; standard has more orange than wings. Flowers splendid form and vines very vigorous. Should be shaded to get best color. Per pkt., 15c.; oz., 40c.; ¼ lb., $1.00.

VERMILION BRILLIANT. — A brilliant Scarlet Spencer of splendid form. The standard is very bold and beautifully waved. On account of its brightness this is a very telling color and should be in every collection. Per pkt., 15c.; oz., 40c.; ¼ lb. $1.00.

White Spencer. — The best Spencer white. Flowers very large and of magnificent Spencer waved form. Stems as a rule carry four blossoms. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

W. T. Hutchins. — Soft buff primrose and blush, shading to apricot pink at the margin. Flowers large and wavy; a splendid variety. Per pkt., 10c.; oz., 25c.; ¼ lb., 50c.

D. & F's.—Waved or Countess Strain Mixed Sweet Peas

The mixture par excellence, comprising only the finest and most distinct varieties, every one of which has the well known wavy standard and wings of the true "Spencer" type; this mixture is made up by ourselves and it cannot be surpassed. Pkt., 10c.; oz., 25c.; ¼ lb., 50c.; lb., $1.50.

FERGUSON'S "1915 EXPOSITION" COLLECTION

Eight of the finest giant new sorts in one grand collection, 75c.

Elfrida Pearson—giant light pink, wonderful stems.
Illuminator—new bright salmon cerise.
King Edward Spencer—bright red, large size.
King White—new giant white.
Mrs. Cuthbertson—best rose and white bi-color.
Margaret Atlee—new cream pink.
New Margaret Madison—best light lavender.
Nubian—best giant maroon.

NOTE: We shall offer special prizes at the Montreal Horticultural Society's Exhibition during August for this collection. Full particulars on application later.

FOR STANDARD VARIETIES OF SWEET PEAS, SEE PAGE 76.

GLADIOLUS OF SPECIAL MERIT

Wild Rose Gladiolus.

	Each.	Dozen.
America. — Large flower, flesh pink, beautiful.	$0.10	$0.80
Alaska. — A pure white variety having a strong constitution and producing a long spike of well formed flowers. Awarded certificate of merit	.75	7.50
Attraction. — Deep, dark, rich crimson, with a very conspicuous large pure white center and throat. At once a most beautiful and attractive sort	.10	1.00
Augusta.—Lovely pure white, with blue anthers. A splendid sort	.10	1.00
Afterglow. (Groffs). — The color combination of our Canadian sky after sunset, rose, salmon, fawn and blue, is wonderfully duplicated in the inflorescence of the distinct variety. The plant is tall and upright, from 5 to 6 feet to top of spike when well-grown. The flowers are large and wide open, of a salmon-fawn shade, with a violet-blue centre.	.35	3.50
Blue Jay. — An extra fine blue, finely marked	.25	2.50
Baron Hulot. — The first blue Gladiolus yet seen. Rich deep color of an indigo shade	.15	1.00
Contrast. — Flowers of great substance and a beautiful compact spike of perfect form. Color, intense scarlet with large, distinct, pure white center which is neither tinted or mottled. One of the most striking and beautiful Gladioli ever introduced	.50	5.00
Dawn. (Groffs). — A new and valuable variety for cutting; strong, straight and vigorous plant over four feet high. Flowers large, of a delicate salmon, shading to white when bloomed inside, a small claret, stain on the interior petals	.35	5.00
Evolution. (Groffs). — The flowers are large, of a delicate rose color shaded darker, and are exceptionally durable when cut, in spite of their size. Owing to the regular form of the spikes at times, a vase of "Evolution" presents an effect of an original and impressive character unknown in any other variety.	.75	....
Halley. — The predominating color of these flowers is delicate salmon pink with a slight roseate tinge, though the lower petals bear a creamy blotch with a stripe of bright red through the center, the whole producing a delightful effect	$0.15	$1.00
I. S. Hendrickson. — A beautiful and irregular mottling of white and bright pink; in some the pink, and in others the white, predominating. Flowers and spike very large and fine	.20	1.50
Kunderdi "Glory". — Each flower petal is exquisitely ruffled and fluted. Stalks grow 4 to 5 feet tall, very robust and produce from 8 to 12 massive beautiful flowers, which expand wide open and are delicate cream pink with a neat crimson stripe through the center of each lower petal	.15	1.25
Mrs. Francis King. — A most beautiful "Besnard shade" flame-pink. Immense flowers on a spike growing four feet high, with from eighteen to twenty flowers, six to eight open at one time. A magnificent variety	.10	1.00
Mrs. Frank Pendleton. — Awarded Certificates of Merit by the Massachusetts Horticultural Society at Boston, August 1909, and American Gladiolus Society at Baltimore, August 1911. The flowers are very large and well expanded, of a lovely flushed salmon-pink with brilliant carmine, or deep blood red blotches in the throat, presenting a vivid contrast of orchid-like attractiveness	.50	4.00
La Luna. (Groffs). — The large heavy buds open a pale yellow which passes to a pleasing white when the flowers are fully expanded. These are relieved by a small brown marking in the throat, and have few equals in point of substance	.20	2.00
Lavandula. — Most attractive variety growing over four feet in height and a rapid multiplier. The flowers are large and well open of a pale lavender shade with a large cream blotch in the throat. If grown under too dry and hot conditions the petals become flecked with carmine, as do many varieties under such conditions. Some think this adds to the charm of the variety, but the effect is abnormal	.75	....
Niagara. — In type the variety resembles "America", but the flowers appear to be somewhat larger, measuring 4½ inches across. In color the flowers are a delightful cream shade with the two lower inside petals or segments blending to canary yellow. The throat is splashed with carmine, and the lower ends of the outside petals are also blushed with carmine. The stamens are purple and the stigmas pale carmine, this little addition in the coloring relieving the creamy effect of the petals	.50	4.00
Peace (Groffs). — One of the grandest white introductions of last year, that will retain its place among the best white varieties for some time to come. The pale lilac feathernig on the inferior petals, together with its strong, broad, rich green foliage and spike make it a most desirable Gladiolus in any collection.	.25	2.50

GLADIOLUS—Continued.

	Each.	Doz.
Princeps. — One of the finest Gladioli in cultivation. Color rich crimson, with broad, white blotches across the lower petals. Flowers can be grown to nearly 8 inches in diameter under stimulating culture	.10	1.00
Panama. — A new seedling of America which resembles the parent variety in every way except that it is a much deeper pink. A grand variety which evokes words of praise wherever exhibited. Spike very long with flowers large and well arranged. Many awards	.50	4.00
Sulphur King. — This is by all odds the most valuable yellow variety ever introduced. It produces a very long spike of the clearest sulphur yellow flowers yet seen in any Gladiolus. As it becomes known there will be a great demand for it, as it fills the need for a sterling yellow variety. Awarded a "Certificate of Merit" in Holland in 1912 and 1913	.25	2.50
Wild Rose. — A remarkable variety and one that will gain in prestige as it becomes known for it ranks with the very best. Color very bright rose or blush tint, exceedingly delicate and pretty, and needs only to be seen to be appreciated. In its particular color it stands alone	.20	2.00
Wm. Falconer. — Spike of great length and flowers of enormous size. Beautiful clear light pink	.20	1.50

For other varieties, see SUMMER FLOWERING BULBS, pages 80 to 84.

THE BARRIE FORCING FRAME

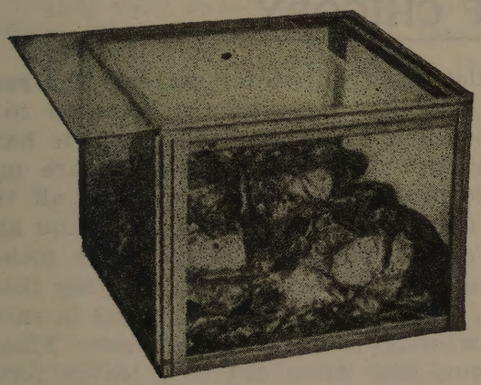
Under these frames, corn, cabbage, cauliflower, lettuce, cucumbers, tomatoes, melon, egg plant, etc., as well as all tender flowers, can be started and grown in the open ground and brought to maturity much earlier than usual.

Lettuce, etc., can be grown under or protected by the frames through the late Fall.

Excellent for the starting of tender flower and vegetable seeds for transplanting into the open ground.

The frames also protect their contents from the ravages of the cutworm.

Placed over bulbs in the Spring, in the small garden, blooms of greater perfection may be had much earlier than usual.



Lettuce growing and heading under a Barrie Forcing Frame.

The frames are constructed of tinned iron, thoroughly protected from rust by a special painting process, and can be instantly set up or taken apart without the use of tools.

Any light of glass can be easily replaced, in case of breakage, without taking the frame apart, and the top glass slides open for ventilation.

The metal frame weighs two pounds without the glass and is absolutely strong and rigid. The glass consists of four panes 10 x 12 inches and pane 12 x 13 inches, standard sizes, easily obtainable anywhere.

To Assemble. Fit the corners of the top and bottom squares into the slits in the ends of the posts. Pass the stay rods, bent end up, through the holes in the squares, inside the posts. Attach nuts and tighten slightly. Slip in the glass and the frame is complete.

Carefully packed, knocked down, in heavy corrugated cartoon, each containing six frames and glass complete.

price, $1.75 each; $9.50 per six; $18.00 per doz.

THE LIGHTNING CELERY BLEACHER

MOST PERFECT METHOD EVER INVENTED
Labor and Cost of Material Cut in Half.

The Lightning Celery Bleacher is a waterproofed paper tube, so narrow as to hug the stalk closely, thereby preventing all light from interefering with perfect blanching.

These bleaching tubes have been tested for five years before being placed on the market. They have been in constant use during that time, bleaching from three to four stalks each season and are still in serviceable condition.

The small grower and private gardener will find this an ideal system of bleaching celery — handy, neat and just the thing to bleach a few stalks every few days as wanted.

It only takes a week or ten days after putting on these bleachers when your celery will be a beautiful white and all ready for the table. No banking with soil, no hunting up boards, and it produces better results on early celery.

The same bleachers can be used over and over again, the same season.

The most difficult problem to solve was a method of speedily putting on a paper tube.

This the Inventor has accomplished in his marvelously simple Lightning Celery Handler, a wonderful little device that is alone responsible for the success of this new system of bleaching celery. They are made entirely of brass and should last a lifetime.

Celery Bleacher.

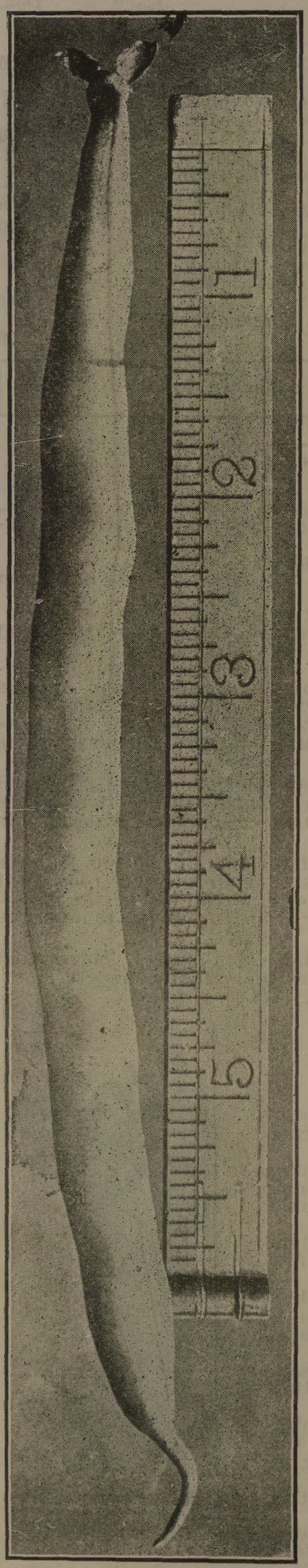
It is astonishing how fast a boy can finish up a row of celery with this implement.

Anybody can use it, but just as speed in transplating is acquired by practice, so it is in this case. Go slowly at first, speed will soon follow. A boy can finish up 500 stalks an hour.

PRICE OF THE LIGHTNING CELERY HANDLER, $4.75.

PRICE OF THE LIGHTNING CELERY BLEACHERS.

6 x 12	Per 100 $2.20.	Per 1000 $14.00
6½ x 13	Per 100 $2.00.	Per 1000 $15.00



Sure Crop Wax Bean.

SURE CROP STRINGLESS WAX BEAN

The Sure Crop Stringless Wax is a dwarf-growing variety; strong, vigorous vines producing early, rich yellow pods of extra size, measuring seven to seven and one half inches long, more than one half inch wide and nearly one half inch thick, and of excellent quality. But this is not all. It is one of the most prolific bush beans known to the trade, producing beautiful, rich yellow pods which sell at sight and taste like more. Pkt., 10c.; ½ lb., 20c.; lb., 30c.

A New stringless Wax Bean of Great Merit. It is Early, Hardy, Stringless, Rust Proof, Finest Quality; Exceedingly Prolific. About all you can combine in one bean.

CARROT, Sutton's New Red Intermediate

A large and excellent variety of perfect form, colour light red, with very small core; sweet and mild in flavour. It grows much larger than **James's Intermediate,** and is highly recommended as the best for general purposes as well as for the **exhibition table.** Pkt., 10c.; oz., 30c.; ¼ lb., $1.00.

CARROT, FERGUSON'S EARLY MARKET

A valuable new stump-rooted variety, early, and of very fine quality, adapted for either market gardening or private use. The roots, which attain an average length of about six inches, are straight, clean-growing, and of handsome appearance. We consider it the finest type of Market Carrot. The best for bunching. Pkt., 10c.; oz., 30c.; ¼ lb., $1.00.

WHITLOOF CHICORY

This makes one of the most delicious of all winter salads. The seed is sown in good rich soil in May or June and then transplanted to 9 inches apart. In autumn, the roots are taken up, those which have divided, or too narrow leaves being thrown aside, if any such are met with, as well as any which bear several heads. The leaves of all the selected roots are then trimmed off about 1½ in. from the neck, and any secondary shoots that may appear on the sides of the roots are picked out, the lower end of the roots being also shortened so as to bring them all to a uniform length of 8 to 10 in. The roots are then planted in earth in a dark, cool place in the cellar or under a greenhouse bench. Finely blanched crisp leaves are thrown out, and when cut new leaves form. The leaf growth furnishes a delicious salad, or it may be cooked in the same manner as Sea Kale. Pkt., 10c.; oz., 25c.

CHINESE CABBAGE

Of all the vegetables grown by the Chinese, their cabbages are the best. The feature in which they excel as compared with the cabbage grown in this country is ready growth. They are unusually attractive in appearance, excellent in flavor, easy to digest, and free from offensive odor in cooking. They are splendid in soup or stewed whole like cauliflower, but should not be cooked as much as our common cabbage. If too well cooked, they become unduly soft, whereas, if cooked a little underdone they will retain their form intact. It is more easily grown than the ordinary cabbage, and when boiled with meat, it is much better than either cabbage or Turnips. As a salad or slaw they have none of the pungent taste characteristic to our common cabbage.

Their harvest in China is during the month of November. There they wait until a heavy frost has passed over them when they are pulled out of the ground and allowed to lie in the field for a day or two. When the dirt has been shaken from the roots and the loose leaves have been removed they are ready to be packed away for winter. If the root cellar is dry and cool they will keep until spring is well advanced.

Seeds should be planted when fall turnips are sown and when transplanted the plants should not stand closer than two feet each way. The soil can not be too rich, and the plants must not suffer from drought. It requires no earthing up to force heads. Pkt., 10c.; oz., 75c.

Copenhagen Market Cabbage.

EARLY SUMMER CABBAGE

"Copenhagen Market"

"Absolutely the earliest and the very best round-headed Summer Cabbage grown. Only 3 or 4 days later than Early Wakefield. The plants are short-stemmed of compact, stocky growth and the saucer-shaped, rather small, tightly folded outer leaves enclose large solid ball-shaped heads of the very finest quality, smooth with fine veins and small core and averaging about 10 lbs. in weight. Can be planted close (21 inches apart) and will yield a greater crop per acre than any other Cabbage. In uniformity to type it is marvellous and its evenness in maturing is a great consideration to the Market Gardeners, entailing less labour in harvesting the crop and allowing them to clear the ground at one cutting. Pkt., 10c.; oz., 60c.; ¼ lb., $1.75.

CELERY, DOBBIE'S SELECTED RED

This variety is still being selected with great care. The heads are very large, exceedingly crisp, very solid and of the finest flavour. The plant being very hardy, is admirably adapted for late use. It is specially recommended for exhibition purposes. Pkt., 25c.

NEW EARLY SUGAR CORN, Malcolm

THE MOST WONDERFUL SWEET CORN OF THE AGE.

We are introducing this New Variety and it has Merit.

It is very sweet, juicy and tender. In color, it is a rich cream white. We believe it has the finest flavor and is the best tasting sweet corn of any early variety.

It is extremely early and is ready to use from six to ten days sooner than any of the so-called extra early varieties, and is larger than any of the earliest or medium-early varieties.

The ears are of good size. We had some ears, this year as large as Crosby. Just the thing for Market Gardeners.

We are sure there is no variety of Sweet Corn that has had the record this has had for yield. This is a strong feature in its favor, and with all its strong points it will easily be a leader.

PRICE: Pkt., 10c.; ½ lb., 25c.; lb., 40c.

BURPEE'S LETTUCE, Earliest "Wayahead"

Shows a remarkable combination of earliness, firm heading character, handsome appearance and fine quality. Both in cold frames early in the spring and in the open ground, in spring, summer and early fall months — it has proved to be not only the very earliest and surest heading of all early lettuces, but also of the very finest quality at all seasons. Thousands of satisfied planters are most enthusiastic in praise of Burpee's Earliest "Wayahead" Lettuce.

It is not only earlier than May King, Nansen, and other choice extra early varieties, but the heads are also larger in size and more tightly folded. Per pkt., 10c.; oz., 20c.; ¼ lb., 75c.

LETTUCE D. & F'S PEERLESS

A remarkable fine Lettuce somewhat resembling Big Boston in habit but with a very important distinction — the color is lighter green, the leaves are not tinged with brown and the heart is larger in diameter. Although this fine variety grows to a large size, it has the merit of being crisp and of excellent flavour. Its chief peculiarity is the extraordinary time it remains fit for use, withstanding summer heat and drought, and not running to seed until long after all other cabbage varieties, and we therefore heartily recommend it, especially to the market gardening trade. Pkt., 10c.; oz., 30c.; ½ lb., $1.00; lb., $3.50.

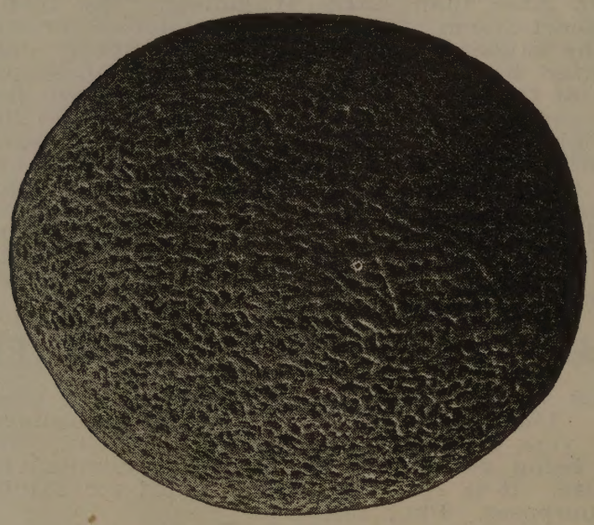
ONION, Cranston's Excelsior

A magnificent variety of English introduction. Unsurpassed for exhibition purposes. Very large, oval shaped, with straw-colored skin. When grown to perfection will weigh from 2½ to 4 lbs. Has attained great popularity among private gardeners for its all round superiority as an exhibition variety. The stock we offer is unexcelled and obtained direct from the **originator** in **England.** Seed should be started in a hot bed or in a box in the house for their full development. Pkt., 25c.

Whitloof Chicory.

PARSLEY, Dobbie's Selected

This Parsley has long been recognized as the standard exhibition sort. It is remarkable for its large fine leaves and close habit. The Seed offered has been saved from selected plants only, every one of which was a perfect specimen. Pkt., 10c.; oz., 35c.



CANTALOUPE MELON
Gold Lined Rocky Ford

It's shape is ideal, very slightly oval, no ribs and it is heavily netted over the entire melon. The bloom button is small and flesh as thick at the end as elsewhere. The melon is thick meated, fine grained and sweet; color green with a gold margin next to the seed cavity.

Our claim for this melon is its uniform shape, size and very superior quality. Its flesh is attractive and elicits favorable comment when served. Pkt., 10c.; oz., 30c.; ¼ lb., $1.00.

PEAS, SUTTON'S WORLD RECORD
(An Earlier Gradus)

The English gardeners have long been noted as growing the most magnificent Peas in the world, and in Sutton's World Record, we have the finest development of the English Early Pea. It grows about 3 feet in height, is of dark colour, and produces pods frequently attaining the length of 7 inches and over, closely packed, with 10 to 13 large dark green Peas of the finest flavour. Lb., 50c.

SPINACH, New Zealand

This plant is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities where ordinary Spinach does badly. The seed is sown either in a hotbed or open ground during May, where the plants are to stand, and the plants will continue to yield a supply of leaves during the entire summer, requiring hardly any attention. The leaves are eaten, boiled and minced like ordinary Spinach. This grand vegetable is not well enough known, and should be grown in every garden. In fact, it can be called cut-and-come-again Spinach, as it is a continuous bearer. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., $1.00.

FERGUSON'S O.K. TOMATO

This variety has proved a marvellous bearer and an extremely early setter; there is no Tomato which should become as widely grown as this in private gardens or for market; it is bound to give the utmost satisfaction to all. It is of perfect shape, of deepest scarlet colour; the skin is firm without being thick, and the fruitfulness of the plants is perfectly astonishing. Pk., 15c.; ½ oz., 75c.; oz., $1.25.

NEW TOMATO "ALACRITY"

THE EARLIEST OF ALL RED TOMATOES.

ALACRITY produces a closer compact vine, set quite as freely with fine smooth tomatoes, which are usually ready to market **ten days earlier** than any other strain. The entire crop can be gathered generally in about three weeks from the time the first fruit ripens.

ALACRITY is undoubtedly the very best earliest scarlet-fruited tomato. Gardeners who are seeking to have good smooth tomatoes "first on market" can find nothing to equal them.

The plants are compact in growth, with short close-jointed branches, setting fruits very freely in the center.

The tomatoes are quite uniform in size, averaging three inches in diameter and from two to two and a half inches in depth; they are fleshy, solid, and excellent for shipping purposes.

We have every confidence in offering this tomato both to small and large growers. For market growing, it is unsurpassed, whilst it is equally valuable for the Gentleman's Gardener or Amateur. Packet, 25c.

NEW EARLY DWARF WRINKLED PEA "MARVELLOUS"

This splendid first early Pea, in our opinion, is the best of the semi-dwarf section on the market. The pods are produced invariably in pairs and these combine the size and earliness of Sutton's Excelsior with the deep green colour and form of "Little Marvel." It proved to be one of the heaviest cropping varieties in trials, the pods containing 8 to 10 large peas and of extremely sweet flavour. The plants grow to a height of about 18 inches. Per lb., 60c.

D. & F's NEW QUALITY PEPPER

A vigorous and upright growing plant with large fruits, and is more productive than any other pepper on the market. It is without question one of the most valuable new varieties ever offered the market-gardener. It is tremendously prolific, averaging thirty eight perfect peppers to a plant. It has a beautiful, attractive shape which makes it sell on sight, while its superior quality (almost as sweet as an apple) backs up its attractive appearance. As to size, it averages five inches in length, three and one half inches wide at the stem end and two and three-fourths inches at the other. Pkt., 15c.; oz., 80c.

NEW EVERBEARING STRAWBERRY "MARVEL OF BON SECOURS"

Fruit large, cockscomb shaped. Flesh juicy, perfumed, of a delicate flavour. Bears continuously from spring to autumn, but the fruit will be more abundant if part of the first flower stems produced are removed. Pkt., 25c.

DUPUY & FERGUSON'S
Highest Grade Vegetable Seeds

SEEDS BY MAIL. — All seeds forwarded by mail are sent free of charge to all Canadian points at Catalogue prices, except **Beans, Corn, Mushroom Spawn, Onion Sets, Potatoes, Peas, Sugar Beet, Field Carrot, Mangel, Rape, Field Turnip, Grain, Clover and Grass Seeds;** when such are to be mailed, postage must be added at the rate of 5 cents per ¼ lb.; 10c. per ½ lb.; 12c. per lb.; and for each additional pound 8c per lb. extra within the **Dominion of Canada** and 16 cents per pound to **Newfoundland** and the **United States.**

ARTICHOKE

The well-known French vegetable. The undeveloped flower-heads when properly prepared make a most delicious dish.

Early Purple, or Violet. — Pkt., 5c.; oz., 50c.

French Globe. — The standard sort. Pkt., 10c.: oz., $1.00.

Jerusalem. — Cultivate like potatoes, but plant in rows not less than three feet apart. Lb., 20c.; 3 lbs., 50c.; post paid; peck, 75c.; bush., $2.00.

ASPARAGUS

Sow early in spring in drills one foot apart. To secure strong, healthy plants thin out the seedlings to three or four inches in the rows. The one-year old plants should be set out in the spring in a rich, sandy loam, dug eighteen inches deep, into which has been worked plenty of well rotted manure. Plant in rows fifteen inches apart, and twelve inches apart in the rows. Spread out the roots all round and carefully shake the soil in amongst the rows and cover to the depth of four inches. On the approach of winter cover with manure or compost; fork the beds early in spring and apply a dressing of salt or kainit at the rate of 600 lbs. an acre. Cut for use the second year after planting.

GIANT EARLY ARGENTEUIL. — The seed we offer is genuine imported French Argenteuil seed and will give better results than that grown in America, which is of doubtful purity. Argenteuil is about twice the size of anything now on the market. It is a prolific long lived sort. Per pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., $1.00.

Conover's Colossal. — Pkt., 5c.; oz., 15c.; ¼ lb., 25c.; lb., 75c.

Palmetto. — Pkt., 5c.; oz., 15c.; ¼ lb., 25c., lb. 90c.

BEANS (English)

The English Beans are very hardy, and should be planted as soon as possible after the ground is opened; plant in drills two and a half feet apart, and three inches in the drills; when they are in full bloom and the lower pods set pinch off the tops; this will insure the filling of the pods, and hasten maturity. A strong, heavy soil suits them best.

D. & F's MAMMOTH WINDSOR. — The longest Podded Windsor Bean in existence, and the finest for exhibition. The pods of this superb strain often contain as many as 4 and 5 gigantic beans. A grand selection. Per lb., 30c.

POLE OR RUNNING BEANS

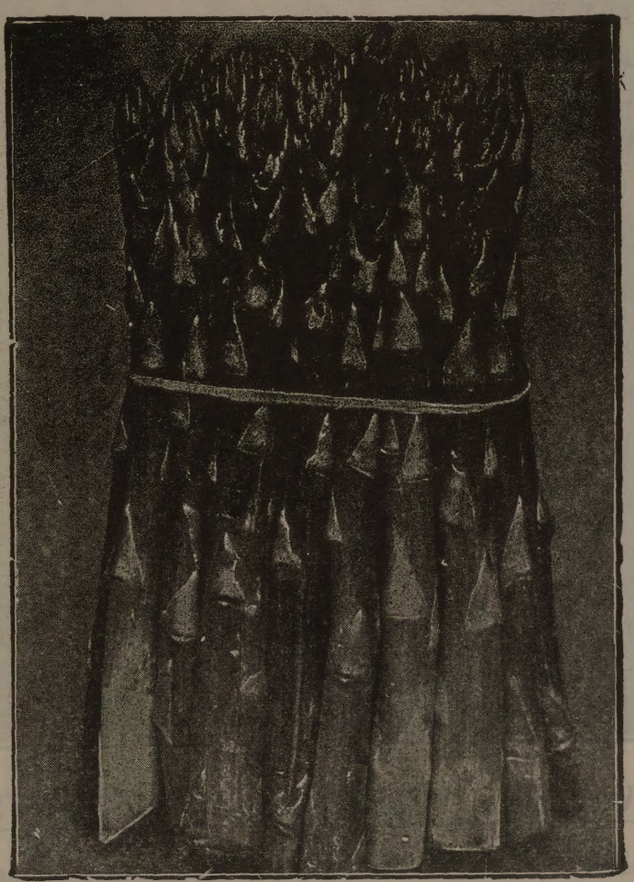
CULTURE. — After settled warm weather, set poles 4 to 8 feet long in rows north and south four feet apart, the poles being three feet apart in the row, and set leaning to the north at an angle of 5 degrees. Set in this way, the vines climb better, bear earlier, and the pods are straighter and more easily seen. Around each hill plant from 5 to 8 beans, 2 inches deep. When well started, thin to four plants. Any that fail to climb around the poles should be started by hand in the same direction the other vines are going.

ASPARAGUS ROOTS

For ordinary garden culture a bed 12 x 35 feet would require about 150 roots.

Argenteuil. — Strong freshly dug two year old roots. $1.50 per 100.

Other Varieties. — $1.00 per 100.



SUTTON'S PRIZE WINNER.—This is doubtless the finest of the Runner Beans, being of wonderfully strong growth, and a most prolific cropper. Its handsome long straight pods, 16 to 17 inches long, are of the finest quality, whilst for exhibition they are unrivalled. Awarded a First-Class Certificate by the Royal Horticultural Society. Pkt., 10c.; ½ lb., 50c.; lb., 75c.

Improved Kentucky Wonder (Green pod).—A very popular variety. Pods green, very long and flat and perfectly stringless. Enormously productive and the earliest of the green-podded varieties. lb., 30c.

Dreer's Golden Cluster (Yellow pod). — Bears long golden-yellow pods in clusters of 3 to 6 from bottom to top of pole, and continues in bearing from the middle of July till the vines are cut down by frost. Lb., 30c.

Lazy Wife's (Green pod). — Quite stringless, rich buttery flavor. Per lb., 30c.

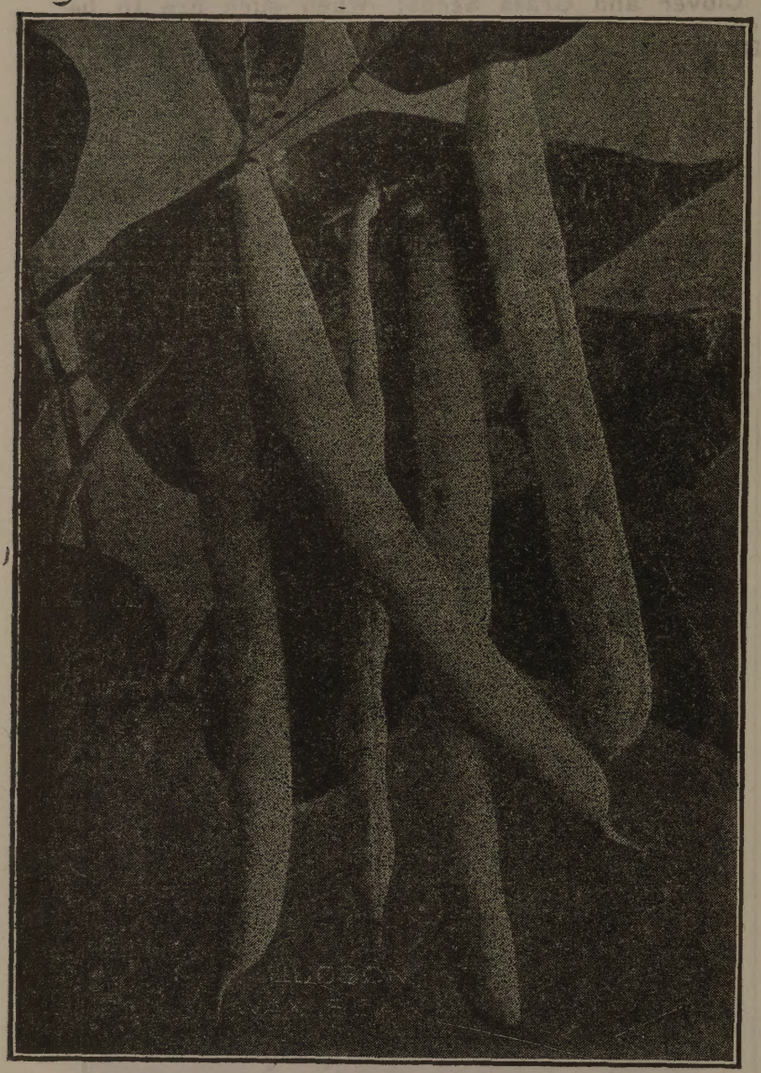
Scarlet Runner Beans.—Mainly cultivated for their flowers, but the pods are also used as a culinary vegetable. Per pkt., 5c.; lb. 25c.

When to be sent by post, add 5c. per ¼ lb., 10c. per ½ lb., 12c. per lb., and for each additional pound 8c. per lb. extra.

BEANS

One lb. will plant 50 feet of drill.
One and one-half bushels will plant one acre.

Plant in rows two feet apart, dropping the beans three inches apart and covering two inches. They thrive upon light soils, which should be carefully prepared and manured lightly. Being tender, they should not be planted until frosts are passed, as warm soil is needed, for their germination. For succession make plantings every two weeks until end of July.



DWARF BUTTER OR WAX SORTS

BURPEE'S NEW KIDNEY WAX. — More robust in growth and more prolific than the popular Wardwell's Kidney Wax, — with longer pods, which are even more handsome in appearance, entirely stringless, more fleshy and, of much finer quality. The plants are of erect bushy habit, reaching eighteen to twenty inches in height. Even during wet summers the foliage is entirely free from blight, while the pods are free from rust, which badly affects many of the older varieties. The fleshy pods are flattened in form, from six to seven inches in length, one-half inch broad and three-eighths of an inch thick; the color is a rich lemon-yellow. Per lb., 30c.

Horticultural Wax. — One of the best for market gardeners; it does not rust; pods are always clear, waxy yellow. Must be picked quite young as pods become somewhat stringy as they mature. Dry bean is large, oval and not very thick. Nearly covered with splashes of bright red. Vines strong, robust and bear pods well up from the ground. Per lb., 30c.

Burpee's White Wax. — The plants are exceedingly vigorous, enormously productive of long, handsome stringless pods; very solid and full of meat; crisp, brittle and free from rust; clear light wavy yellow-colored pods; unequalled either for the table or for market use. Per lb., 25c.

Hodson Wax. — The plant is vigorous in growth and comes into crop about two weeks later than the early sorts. The pods of this variety often measure 7 to 8 inches in length and are remarkably free from spot or rust, and for flavor is unsurpassed. Per lb., 25c.

Davis Kidney Wax. — Plant vigorous, and of compact upright growth, with pods extra long, straight, oval, of a clear, waxy, white color, often seven to eight inches in length. Per lb.. 25c.

Wardwell's Kidney Wax. — One of the best Wax Beans, bearing long pods of a delicate waxy yellow, entirely stringless and brittle. Per lb., 25c.

Keeney's Rustless Golden Wax. — The pods are meaty and well filled, thick, flat when young and semi-round later; of a rich yellow color and fine quality. Per lb., 25c.

Keeney's Refugee Wax. — This is a perfect Refugee, with long, round yellow wax-pods, which are very thick-meated, perfectly stringless and of very excellent flavor. Per lb., 20c.

Currie's Rust Proof Wax. — Pods are long, flat, straight and of a beautiful golden color. Per lb., 25c.

DWARF GREEN PODDED VARIETIES

BURPEE'S STRINGLESS GREEN POD. — One of the earliest and best of the stringless varieties. Pods very large, thick and straight. A fine vigorous grower and very productive. Unsurpassed for the home garden where earliness and superior quality are desired. Per lb., 25c.

Henderson's Bountiful. — The pods are of a rich green color, thick, long and very uniform. An immense cropper and perfectly stringless. Per lb., 20c.

Early Red (Valentine). — Ready for picking in 45 days from planting. Yields prodigiously. Full, round, meaty pods of unsurpassed tenderness and quality. Per lb., 20c.

Early Refugee, or a Thousand to One. — An excellent early snap bean, and for use as pickles. Per lb., 20c.

Triumph of the Frames—A good variety for forcing, or early outdoor work. Produces a mass of pale green pods; is very dwarf, prolific, and of rich, tender quality. Per lb., 35c.

Burpee's Bush Lima. — An immense yielder each bush bearing from fifty to two hundred pods, filled with beans which are identical in size and luscious flavor to the well-known pole Limas. Per lb., 30c.

White Kidney. — Used as a cooking bean, dry. Per lb., 20c.

BORECOLE OR KALE

Sow early in Spring. Culture same as Cabbage.

Dobbie's Selected Victoria.—This is a most excellent variety. It grows about twenty-four inches high, and produces medium size compact heads of leaves that are exquisitely small mid-rib. Per pkt., 15c.

Dwarf Green Curled Scotch. — Very hardy, one of the best. Per pkt., 5c.; oz., 25c.

Tall Green Curled Scotch. — Pkt., 5c.; oz., 25c.

BEET

One ounce will sow 60 feet of drill, 5 pounds per acre.

CULTURE.—Sow as soon as the ground is free from frost and dry, in the spring, in drills 2 inches deep and 18 inches apart; thin out to 6 inches. For family use, in winter, sow in July or August.

Detroit Round Beet.

HALF LONG AND LONG VARIETIES

BEET Dobbie's New Purple.—For form, smoothness, colour of the root and quality, Dobbie's is still unequalled. It is very frequently awarded the first prize at the leading shows throughout the country. Pkt., 10c.; oz., 40c.

DETROIT HALF LONG BLOOD.—One of the best for winter use. Roots only half as long as the Long Blood, but weigh as much on account of their thickness. Always smooth; their rich, dark red flesh is very sweet, crisp and tender, never becoming woody, even in the exposed portions. Pkt., 5c.; oz., 18c.; ¼ lb., 45c.; lb., 1.35.

Cheltenham (Green Leaved). — A superb culinary Beet; medium length, smooth, well-shaped root; flesh rich deep crimson colour. Cooks tender, and is of splendid quality and flavour. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., $2.00.

Cooper's Market King.—The perfection of a half long dark red Beet for market growers or for private use. It is a quick grower and also one of the best keeping sorts. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.

Long Smooth Dark Blood.—We have an exceptionally good quality of this sort. Per pkt., 5c.; oz., 18c.; ¼ lb., 45c.; lb. $1.35.

BEET ROUND OR TURNIP VARIETIES

BEET Dobbie's Selected Globe. — The best of the Turnip-rooted class of perfect form good colour, and excellent quality; fine for exhibition. Pkt., 10c.; oz., 40c.

DETROIT DARK RED. — This is the best variety of round Beet in cultivation. In shape, it resembles a Golden Ball Turnip, tap-rooted, the flesh is dark, firm, and very sweet, and comes very early to maturity. The stock we offer has been selected with the greatest care, and is sure to give satisfaction. Very many inferior stocks of Turnip-rooted Beet are on the market which cut up white and streaky. Pkt., 5c.; oz., 18c.; ¼ lb., 45c.; lb., $1.35.

Early Model. — This variety will be highly appreciated both for forcing and growing outside. The shape is nearly round, and colour of flesh a rich deep red. The quality is most excellent, being sweet, tender, and free from coarseness. The tops are quite small, making it a fine variety for forcing in hotbed. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., $2.00.

CRIMSON GLOBE. — A splendid variety of medium size, very handsome, with small top and small tap root; flesh deep crimson, tender and delicious. Pkt., 5c.; oz., 18c.; ¼ lb., 45c.; lb., $1.35.

CROSBY'S EGYPTIAN. — An improvement on Extra Early Egyptian being as early but of more desirable shape, color and quality. It is very sweet and tender; a most valuable sort for early market as it is ready before any other beet of equal quality. Pkt., 5c.; oz., 18c.; ¼ lb., 45c.; lb., $1.35.

Egyptian. — Very early and of dark blood color; rather flat in shape. Per pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.25.

Eclipse. — Very early, dark-red color, small top, smooth roots. Per pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.25.

BRUSSELS SPROUTS

Sow seed in April, transplant and cultivate same as cabbage.

Dobbie's Selected. — This strain has been carefully grown for years, and as an exhibition variety, it is one of the best. Per pkt., 15c.

Improved Dwarf. — Extra fine. Per pkt., 5c.; oz., 25c.

AMAGER MARKET. — The plants are of a strong growth, about three feet high. The stalks are large, thick, and close jointed, and the sprouts set quite thickly and evenly on the stalk. We recommend this strain especially for market garden use. Pkt., 10c.; oz., 50c.

Improved Half-Dwarf. The very best and a sure strain. Per pkt., 5c.; oz., 25c.

CABBAGE

1 ounce will produce about 3,000 plants

Sow in hotbeds in February or March, and in the open ground in May or June. Plant the early sorts 20 inches distant in a row and 2 feet between the rows; the later sorts 2½ feet each way. To be well grown, Cabbages require a deep, rich loamy soil. Our Cabbage seed is grown for us by specialists, and we offer it as being of superior quality.

Express. — Extra early, excels in earliness all others. For forcing can hardly be surpassed. Per pkt., 5c.; oz., 20c.; ¼ lb., 60c.

EARLY PARIS MARKET. — Of the Oxheart type, but ten days earlier. Forms a saleable head quickly, and is a valuable sort for market gardeners. Per pkt., 5c.; oz., 25c.; ¼ lb., 85c.

JERSEY WAKEFIELD, EARLY.— Although this variety is not as early as the two preceding ones, it will be found the very best conical heading sort to come in immediately after. It is very compact, medium size, conical and a sure header, extra selected stock. Pkt., 5c.; oz., 25c.; ¼ lb., 85c.

Jersey Wakefield Cabbage.

Early Etampes. — Heads oblong and rounded at the top, very firm and solid. Per pkt., 5c.; oz., 20c.; ¼ lb., 60c.

Early Winnigstadt. — A solid tender variety, good for either early or late. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.

EARLY FLAT PARISIAN, or Early Spring. — Is nearly as early as the Jersey Wakefield, but the heads are of the round, flat type of Early Summer. The heads harden at an early stage of growth, so that they are really fit for use before fully matured. Pkt., 5c.; oz., 25c.; ¼ lb., 85c.

SECOND EARLY VARIETIES

GLORY OF ENKHUIZEN. — Our customers will make no mistake in trying this. It has a great advantage in comparison with other early sorts in that it grows large heads, which are very hard. "It was the finest all round cabbage I ever raised. I think most of the plants were nearly as early as Jersey Wakefield, and they sell much better."—J. R. Mullett. Per pkt., 5c.; oz., 30c.; ¼ lb., $1.00.

Henderson's Early Summer. — A most popular and superior second early sort. Pkt., 5c.; oz., 25c.; ¼ lb., 85c.

Henderson's Succession. — An excellent second-early; on style of All Seasons. Pkt., 5c.; oz., 25c.; ¼ lb., 85c.

Fottler's Improved Brunswick. — Large, solid heads; fine for early or late. Pkt., 5c.; oz., 20c.; ¼ lb., 60.

LATE VARIETIES

D. & F's DANISH ROUNDHEAD. — We feel safe in saying that compared with the justly popular Cannon Ball, the New Round Head will average larger in size of heads and even hardier. Regular cannon balls in shape and hardness, while they are borne on shorter stems, being about a week earlier in maturity. It is without any doubt the best shipper and keeper of any. A head of it will weigh ½ more than other varieties of equal size. Genuine seed grown in Denmark. Per pkt., 5c.; oz., 30c.; ¼ lb., $1.00; lb., $3.50.

Danish Cannon Ball. — A favorite winter cabbage of Denmark. Heads are round, of good marketable size, hard and heavy, fine grained and long keepers. It will stand well through a dry season. Matures late. Pkt., 5c.; oz., 30c.; ¼ lb., $1.00.

NEW FLAT SWEDISH CABBAGE.—This is a new second early very hard-heading Cabbage from Sweden. The plant is of extra-strong growth, with large bluish green leaves, and in good soil produces heads of enormous size. It has quite short stems, and its great solidity makes it a good winter keeper. Similar form but larger than Brunswick. Pkt., 10c.; oz., 30c.; ¼ lb., $1.00.

Autumn King, or World Beater. — Heads very large, broad, thick and solid; stalk short. A splendid keeper and one of the best Mammoth Cabbages in existence. Per pkt., 5c.; oz., 25c.; ¼ lb., 85c.

St. Denis Drumhead. — A favorite winter variety; head large, and very solid. Per pkt., 5c.; oz., 25c.; ¼ lb., 85c.

Lupton. — A winter variety of excellent quality and distinct character, earlier than the Flat Dutch, a good grower, and fine keeper. Pkt., 5c.; oz., 25c.; ¼ lb., 85c.

RED VARIETIES

NIGGERHEAD.—The name refers to the extraordinary hardness and blackness of the heads. They are very dark red—almost black—exceedingly solid and heavy. Per pkt., 10c.; oz., 40c.; ¼ lb., $1.25.

New Danish Stonehead. — This new variety is the largest, hardest and most solid of all red varieties. It is of rich, deep color, of fine round form, sure to head and never cracks. Pkt., 10c.; oz., 40c.; ¼ lb., $1.25.

Mammoth Rock Red.—Heads large, deep red to centre; highly recommended. Per pkt., 5c.; oz., 30c.; ¼ lb., $1.00.

Drumhead.—Pkt., 5c.; oz., 30c.; ¼ lb., $1.00.

SAVOY CABBAGE

LARGE AUBERVILLIERS. — An extra large Drumhead Savoy with few outer leaves. Per pkt., 5c;. oz., 25c.; ¼ lb., 85c.

Cabbage Plants. — (See page 40).

CAULIFLOWER

1 ounce will produce about 3,000 plants

For early crops sow in March in hot beds and transplant to the open ground as soon as danger of hard freezing is over. The plants will endure a light frost. The soil for cauliflower should be like that for cabbage; but it is better to be made richer than is ordinarily used for that crop. Give the plants thorough culture, and keep free from green worm by using **Hammond's Slug Shot.** For late crop sow at same time as for late cabbage, and treat in the same manner. It should be borne in mind that cauliflower will not head up well in hot, dry weather, and hence the sowing should be so regulated as to bring it in either in early summer or late fall. Although nine-tenths of the cauliflowers grown in this country are produced without it, frequent and abundant watering is so beneficial that it pays well for the labor it costs.

D. & F'S. SELECTED EARLY DWARF ERFURT CAULIFLOWER.—We know of no better type of this variety, — very early, smooth rounded head, fine grained, compact, even in size. While a first early, is better adapted generally to Fall use than the large late sorts so often grown for the purpose. It will give satisfaction by the dozen plants or in a dozen acres. The habit of the plant is close growing and compact, and plants can be set closely together from 18 to 21 inches. "Every plant", says our grower, "which did not produce a perfect head was discarded when selecting our stock plants for seed." Per pkt., 25c.; ½ oz., $1.50; oz., $2.75.

D. & F's. Danish Dry Weather Cauliflower.

EARLIEST SNOWBALL (Forcing)—One of the earliest heading varieties in cultivation small leaved, of low growth. The finest of all varieties for forcing. Per pkt., 25c.; ¼ oz., $1.00; oz., $2.75.

D. & F's. Danish Roundhead Cabbage.

DANISH DRY WEATHER. — This new variety of Cauliflower is a splendid strain for a dry season, as it will grow well and produce the finest heads in spite of the lack of moisture, which is required by other sorts. The heads grow to a large size, are very solid, pure white and of delicious flavor. Pkt., 25c.; ½ oz., $1.50, oz., $2.75.

Early Dwarf Erfurt. — An early market variety, very productive, with large white compact heads of good quality. Pkt., 10c.; ½ oz., $1.00; oz., $1.60.

Large Late Le Normand. — Short stemmed, produces very close and uniform heads; well protected by the foliage, hardy, and stands dry weather. Per pkt., 5c.; ½ oz., 60c.; oz., $1.00.

Extra Early Paris. — Good Cauliflower for either forcing or outdoor culture. Per pkt., 5c.; ½ oz., 60c.; oz., $1.00.

Large Late Algiers.—An excellent favorite, late variety. Per pkt., 5c.; oz., $1.00.

French Market Carrot (Coreless)

CARROT

1 ounce will sow 100 feet of drill.

It is best to sow early in the spring as the ground is fit to work, though good crops may be grown from sowings as late as June 15th. Prepare the ground thoroughly and sow in drills 12 to 18 inches apart. It is necessary to sow Carrots quite thickly, on account of the young plants not having sufficient strength to come through the ground when sown thinly. Cover one-eighth to one-fourth inch deep and see to it that the soil is well firmed about the seed. Do not let the weeds get a start. Thin to 3 or 4 inches apart in the row.

New French Market (Coreless). — This beautiful new and distinct French carrot in form is more handsome than Danvers. This, with its better color, makes it much more attractive, never becoming ringed or rooty. It is also entirely free from core, the flesh being tender and sweet throughout. A very heavy cropper and a great keeper, holding its fine color all through the winter, coming out of the pits as bright and fresh as when first dug. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., $2.25.

Nantes

Early Very Short Scarlet or Golden Ball. — French forcing, the earliest variety, almost as round as turnip radishes Per pkt., 5c.; oz., 25c.; ¼ lb., 75c.

Early Scarlet Horn. (Stump rooted). — For forcing and early outside. Flesh deep orange, fine grained Per pkt., 5c.; oz., 20c.; ¼ lb., 60c.

Early Guerande Half Long. — Stump rooted, intermediate as to length between the French Horn and S. Nantes, but much thicker attaining at the neck from 3 to 4 inches in diameter. Per pkt., 5c.; oz., 20c.; ¼ lb., 60c.

James Intermediate or Half Long Scarlet. — One of the finest table carrots, being both tender and delicious. Per pkt., 5c.; oz., 20c.; ¼ lb., 60c.

IMPROVED DANVERS HALF LONG. — The best for general crop. The most profitable for market gardeners, stump rooted. It is now grown largely everywhere on account of its great productiveness and adaptability to all classes of soils. Per Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $1.75.

Danvers Special Strain. — Per pkt., 10c.; oz., 30c.; ¼ lb., $1.00.

CHANTENAY. — One of the best for home or market. Deep red flesh, fine grained, sugary, excellent sort for table use; stump-rooted, always smooth, very early; productive. Per pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $1.75.

Nantes Early Half Long Scarlet. — Stump rooted, sweet, fine flavored; almost without a core; very fine grained; excellent for home garden or market. Per pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $1.75.

St. Valery. — A desirable sort for private gardens, of rich orange color and fine flavor. The roots grow very uniform and large. Per pkt., 5c.; oz., 20c., ¼ lb., 60c.;

Long Red Stump Rooted. — This sort has but little core, which is a great acquisition in a table Carrot. Per pkt., 5c.; oz., 20c.; ¼ lb., 60c.

FOR FIELD VARIETIES, SEE AGRICULTURAL SEEDS.

CELERY

One ounce will furnish about 4,000 to 5,000 plants.

Paris Golden Yellow

Self-Blanching

This grand Celery is of French origin. It has the demand above all other sorts because of its many superb qualities. It has the same self-blanching habit as White Plume, but is much heavier and more compact, though not so early. Grows to good size, is very tender and free from strings, the heart large and solid, crisp, brittle, of excellent quality and very beautiful.

Our stock is grown by the original introducers in France. Pkt., 25c.; ¼ oz., $1.00; ½ oz., $1.75.; oz., $3.00.

PERFECTED WHITE PLUME. — We offer a choice strain of this valuable and popular variety. It is unsurpassed for fall and early winter use. When reaching maturity the inner stalks turn white and require very little earthing up to blanch them. Pkt., 10c.; oz., $1.00.

WHITE PLUME, (Regular Strain). — Pkt., 5c.; oz., 60c.; ¼ lb., $1.75.

GIANT PASCAL. — For the market gardener this is the most profitable Celery for Fall or Winter use. This is a green-leaved variety, developed from the Paris Golden; it is somewhat larger and taller and its fine nutty flavor is free from any bitter taste. It grows about two feet high, and the stocks are broad, thick and crisp; blanching with but slight earthing-up very quickly. Pkt., 5c.; oz., 50c.; ¼ lb., $1.50.

Evans' Triumph. — A splendid long keeper of extra fine flavor. Healthy, strong grower, crisp and tender. Pkt., 5c.; oz., 50c.; ¼ lb., $1.50.

WINTER QUEEN. — It is one of the very best late varieties. A strong grower, thick ribbed, blanches a beautiful cream white. Ribs are solid, crisp and have a delicious nutty flavor. Pkt., 5c.; oz., 50c.; 4 oz., $1.50.

Paris Golden Yellow Celery.

Swiss Chard.

CHICORY

Large Rooted. — Requires similar treatment to carrot. The root is used to mix with coffee, and the leaves as a salad. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.

Dwarf White Solid (large ribbed). — Solid crisp, and large fair quality. A good keeper. Is as solid as Large Ribbed Kalamazoo. Per pkt., 5c.; oz., 50c.; ¼ lb., $1.50.

Celery Seed for Flavoring. — Per pkt., 5c.; oz., 25c.; ¼ lb., 75c.

Celeriac or Turnip Rooted. — A variety of celery with turnip-shaped roots, which are white-fleshed, tender and possess the flavor of celery stalks. Sow seed at the same season and give the same treatment as common celery. Pkt., 5c.; oz., 50c.

Celery Plants. — (See page 40).

SWISS CHARD OR SPINACH BEET

Giant Lucullus. — The leaves of this spinach beet are crumpled similar to the Bloomsdale or Savoy Leaved Spinach. If cut when about 6 to 8 inches high it can be used the same as spinach; its habit of growth is such that you can cut it at intervals throughout the entire season till frost. If allowed to grow, the plant will attain the height of 2½ feet and consist, when fully developed, of about a dozen creamy white stalks, about 12 inches long, that can be cooked like asparagus and is very tender and delicious. It yields an abundant supply of delicious greens and should be in every garden. It is the one vegetable that is always ready to use. Pkt., 10c.; oz., 15c.; ¼ lb., 60c.

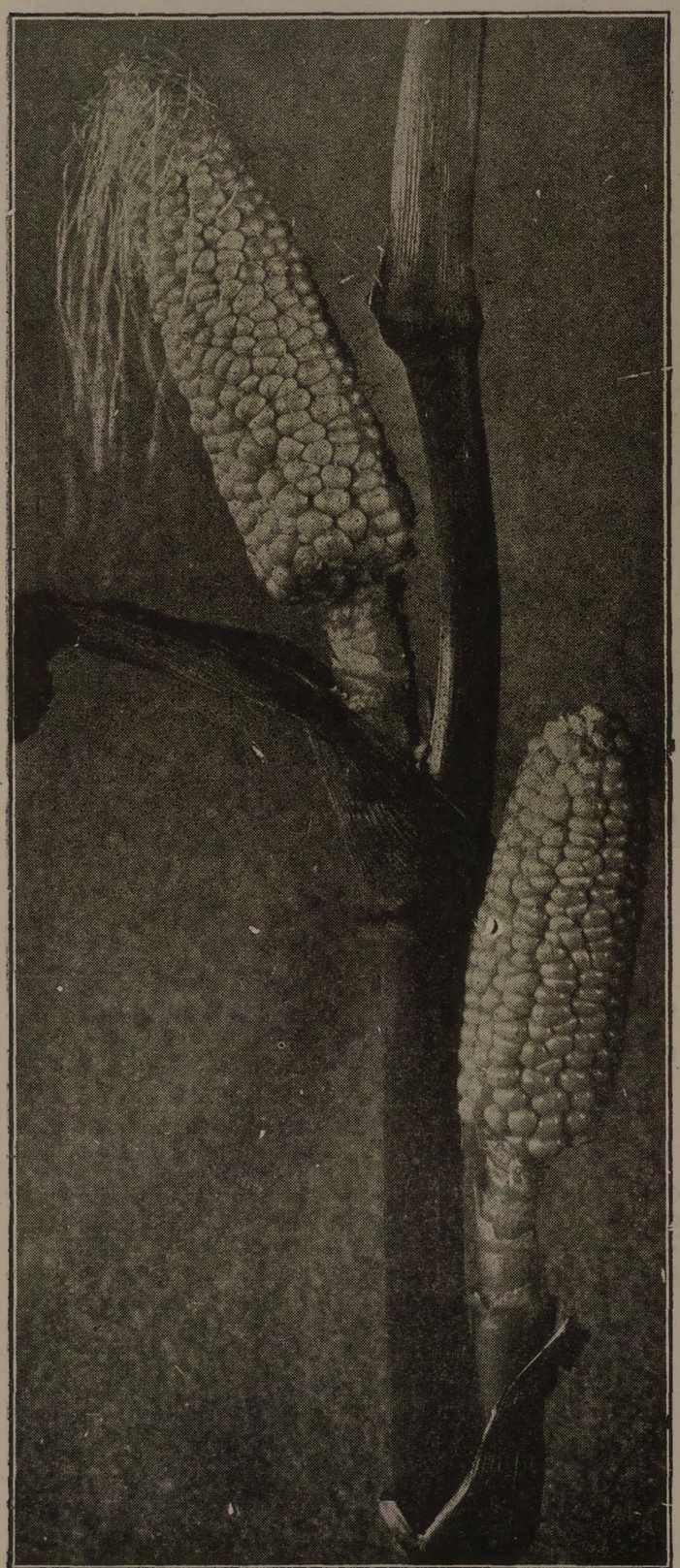
CURLED CHERVIL

Used for flavoring and garnishing dishes of meats and vegetables. The leaves are ready for use in six to ten weeks from sowing the seed. Sow in early spring in rich, well prepared soil and when plants are well established transplant to about one foot apart. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.

SUGAR CORN

When to be sent by post, add 5c. per ¼ lb., 10c. per ½ lb., 12c. per lb. and for each additional pound 8c. per lb. extra.

CULTURE.—The sweet or sugar varieties. being liable to rot in cold or wet ground, should not be planted before the ground has become warm, in hills three feet apart each way, covering about half an inch, and thin out to 3 plants to a hill. The extra early varieties can be planted 16 inches in the row and two and a half feet between the rows.



Golden Cream Corn.

POP-CORN

White Rice. — Ears short, kernels long pointed, color white, excellent flavor. Per lb., 10c.

For field corn, see Agricultural Seeds.

EARLY VARIETIES

GOLDEN CREAM. An Early Yellow Country Gentleman Corn. — This is a new variety and was originated and developed in California by Thos. Gould, of Ventura. Mr. Gould crossed Golden Bantam on Country Gentleman and after three years of re-selection of this cross, we now have a true yellow shoepeg variety. It is an early variety, fully as early as Golden Bantam. The ears are medium in size, covered with irregular rows of bright yellow kernels of most delicious flavor, very sweet and juicy and is without a peer in this respect. Per lb., 50c.; ½ lb., 30c.; Pkt., 10c.

GOLDEN BANTAM. — The fact that the grains of this variety are yellow is an indication of hardiness and its value for early planting and early maturity. It is a rapid grower, and produces ears measuring about six inches, but the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the Corn when cooked. It is a fine variety for the home garden. Per lb., 25c.

Peep o' Day. — The two points of this new corn are its earliness and sweetness. It is also very productive, the stalks bearing from two to five ears each, and are very dwarf, which admits of their being planted close together. Per lb., 20c.

Holmes' Premo 60-Day. — This is a very fine, very early Sugar Corn; hardy, early and seed does not rot easily when planted early. The stalks grow about 5 feet high, and mostly bear two well-developed ears to the stalk. It is of fine quality. A good early market sort. Per lb., 20c.

Early Cory (Red Cob). — One of the very earliest and fine for a market-variety. Medium size ears and red cob. Per lb., 20c.

Cory White Cob. — Similar to the preceding, with white kernels. Per lb., 20c.

CROSBY.—An old and popular variety twelve and sometimes fourteen rowed; grain thick and sweet; finest market sort. Per lb., 20c.

MEDIUM EARLY VARIETIES

Kendell's Early Giant.—Nearly as early as Crosby and produces ears 8 to 10 inches long, averaging 12 rows to the ear. Per lb., 20c.

Perry's Hybrid. — Very early, large size, valuable for market. Per lb., 20c.

Black Mexican. — Although the ripe grain is black, when in condition for the table, is white, exceedingly sweet flavor. Per lb., 20c.

LATE VARIETIES

COUNTRY GENTLEMAN. — Valued for its richness of flavor and productiveness, having 3 to 4 good ears to the stalk, all extra large with exceedingly deep kernels. Per lb., 20c.

Zig-Zag Evergreen. — It comes in about eight days ahead of Stowell's Evergreen; the kernels very much resemble this variety, but grow on the cob in zig-zag fashion. Per lb., 20c.

STOWELL'S EVERGREEN. — Recognized everywhere as the standard variety for market and home use. Remains longer in green state than any other sort. Very large ears, with deep grains and remarkably sweet. Per lb., 20c.

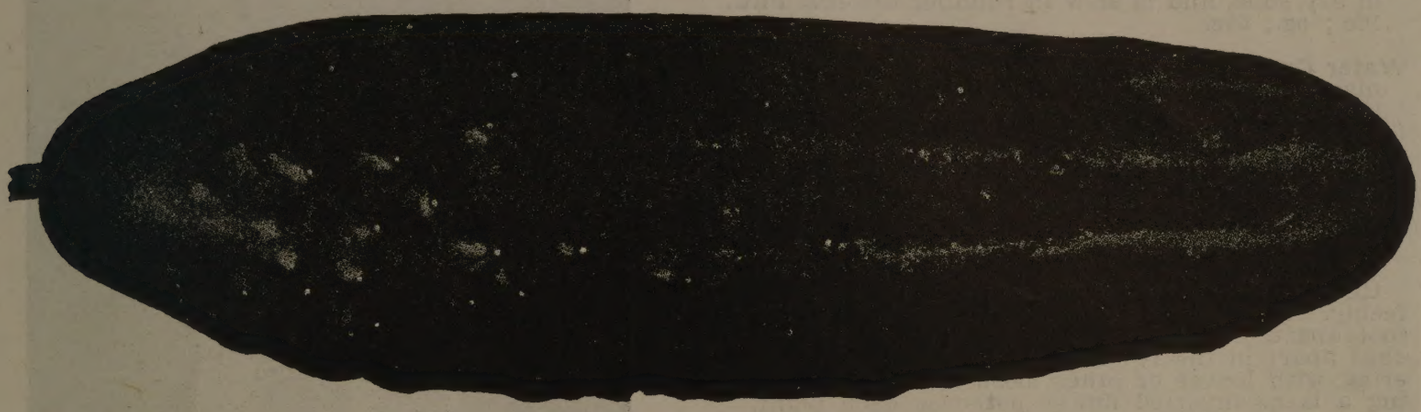
CORN SALAD

Fetticus, or Lamb's Lettuce. — This small salad is used during the winter and early summer months as a substitute for lettuce and is also cooked and used like spinage. Pkt., 5c.; oz., 10c.

CUCUMBER

One ounce will plant about 50 hills.

For very early cucumbers, sow the 1st of April in a hot bed, upon pieces of sod (grass side down) or in 5 inch pots, so that they may be readily transplanted to the open ground in rich soil when the danger of frost is over, or protected by bell glasses. For general use plant when the weather has become settled and warm, in hills about 4 feet apart each way; thin out four of the strongest plants to each hill; they succeed best in warm, moist, rich, loamy soil.



D. & F's. Extra Long White Spine.

D. & F'S. EXTRA LONG WHITE SPINE. — This is the finest cucumber ever introduced. Vines being of unusual vigorous growth, produce an enormous crop of perfectly smooth and very dark green fruits measuring twelve to sixteen inches long. While many specimens grow larger its beautiful, solid fruit (with hardly any seed cavities) make it a perfect gem as a slicer. The flesh is a greenish white, firm, crisp, and of a most delicious flavor. Per pkt., 10c.; oz., 25c.; ¼ lb., 80c.

DAVIS PERFECT CUCUMBER. — It is in color a glossy green; shape slim, symmetrical with an average length of 10 to 12 inches. This cucumber can be used under glass as well as for growing out of doors. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.

Arlington White Spine Forcing. — A strain of White Spine which has been improved through careful selection with a view to use for forcing in hot houses and frames. Per pkt., 10c.; oz., 60c.; ¼ lb., $2.00.

Fordhook Famous. — A long White Spine variety, growing from 10 to 12 inches. Fully as long as Long Green and of equally good quality. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.

Improved Early White Spine. — A well-known standard variety. Flesh tender and crisp. Fruit uniform in size, straight and dark green, with few white spines. Per pkt., 5c.; oz., 15c.; ¼ lb., 40c.

Giant Pera.—Frequently grows twelve to eighteen inches long. Fruit very smooth, straight, dark green, with very few seeds, excellent flavor. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.

LONG GREEN IMPROVED. — Fine for pickling when small, good for table use when about half grown. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.

New Lemon. — Nearly round, with yellow and green markings, and smooth skin like a lemon. Customers who grow it say they prefer it to any other variety. The flesh is tender, crisp and sweet. The fruits are from 2½ to 3 inches in diameter, and they should be used just as they are turning yellow. For pickling either when green or ripe they are unexcelled. Pkt., 10c.; oz., 25c.

Japanese Climbing. — Fruit about ten inches long, thick and fine flavor. Skin dark green, flesh pure white, can be grown on trellises and fences. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.

Boston Pickling. — Fruit short, smooth and pointed at each end; bright green, and a great yielder; one of the best for pickling. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.

Other Standard Varieties. — Chicago Pickling. Early Russian. Early Green Cluster. Early Frame, Green Prolific. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.

Serpent or Snake Cucumber. — A very interesting curiosity. The cucumbers grow up like a snake with the head protruding; sometimes several feet in length. Per pkt., 10c.

ENGLISH CUCUMBERS

English Frame. — Sion House, Marquis of Lorne, Telegraph (Rollison's), Lockie's Perfection, Veitch's Sensation. Rochford's Favourite. Per pkt., 25c.

Ferguson's Improved Telegraph. — Telegraph has, for a great many years, been recognized as the best and most prolific Cucumber for all purposes, and still keeps its place amongst the many new varieties that have been introduced since. The improved stock which we are now offering has a shorter neck, and keeps fresh and crisp much longer than the original variety. The fruits are of fine shape, large and uniform in size, deep green in colour, and of exceptionally fine quality. It is an enormous cropper, and suitable for exhibition or culinary purposes. Pkt., 25c.

Cucumber Plants, (See page 40).

KOHL RABI

One ounce of seed will sow a drill of about 150 feet.

Kohl Rabi

A vegetable superior to cooked turnips is found in Kohl Rabi, a small quantity of which is grown in this country. One common mistake is in harvesting it too old. It is best when quite tender and not full grown. If permitted to grow old it becomes woody and stringy.

The vegetable has the added advantage of doing fairly well in a semi-arid country where turnips will not grow at all as it does not require as much moisture.

Early White, or Green Vienna. — Flesh white, a standard sort for market and table use. Per pkt., 5c.; oz., 20c.; ¼ lb., 60c.

Early Purple Vienna. — Bluish-purple, similar to the above, except in color. Per pkt., 5c.; oz., 20c.; ¼ lb., 60c.

CRESS

Extra Curled, or Pepper Grass. — Crisp, pungent leaves, finely cut and ornamental; used as a condiment and for garnishing; rapid growing, dwarf and compact. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

Upland. — The leaves and their flavor somewhat resemble Water Cress, though this sort succeeds in dry soils, and is slow in running to seed. Pkt., 10c.; oz., 60c.

Water Cress.—Highly esteemed for salads and garnishing. It must be grown along moist banks or in tubs in water-covered soil. Pkt., 10c.; oz., 75c.

DANDELION

One ounce to 100 feet of row.

CULTURE.—Plants usually come up small and feebly. Sow seed in good clean loam, in drills 1 foot apart, and thin or transplant to 10 or 12 inches apart in the rows. May be blanched by covering with leaves or other loose litter, or by placing a large inverted flower pot over each plant.

Thick Leaved or Cabbaging.—An improvement on the common sort, the leaves being double the size. Per pkt., 10c.; oz., $1.00.

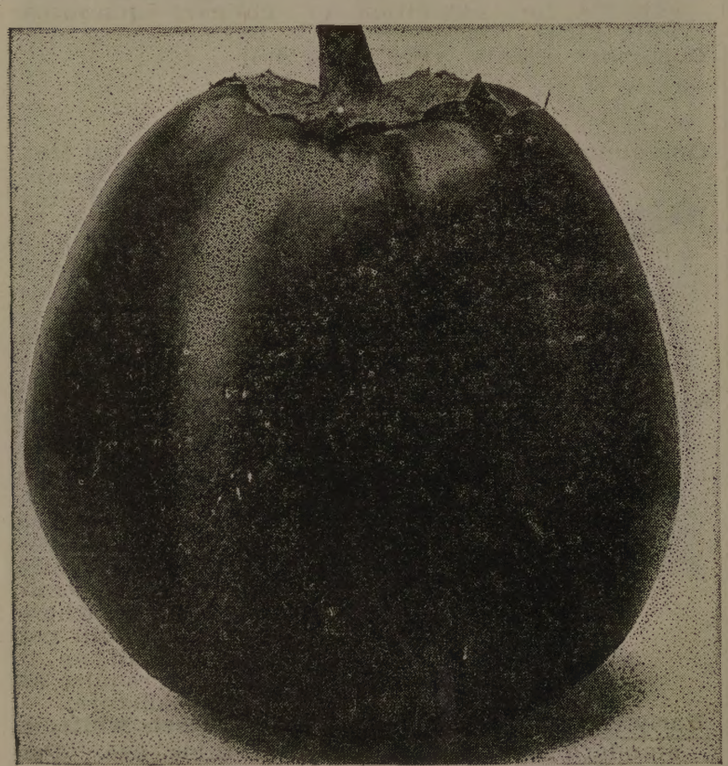
ENDIVE

Sow in June, in drills one foot apart, and thin out to about the same distance. When six to eight inches high, tie up to blanch, and draw up the earth around the plants. Be careful that the leaves are dry when tied up, but give plenty of water during dry weather.

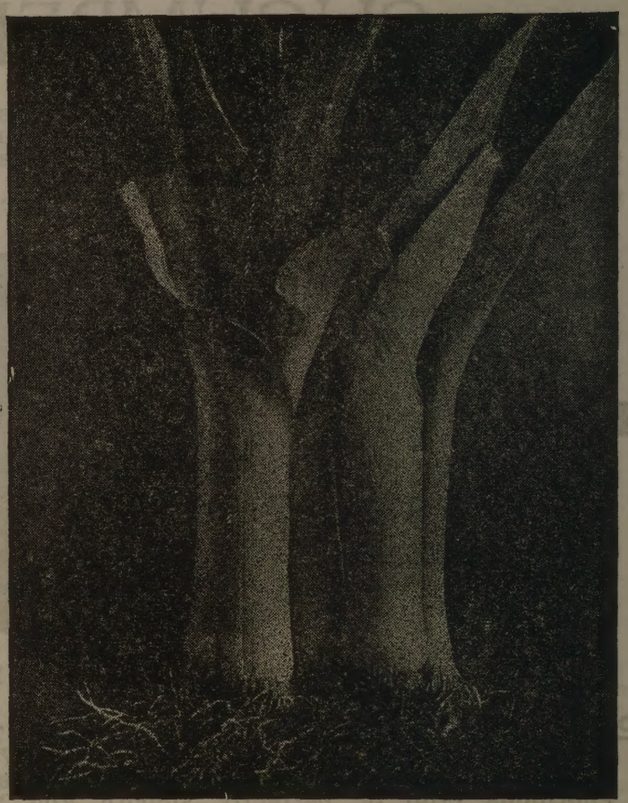
Green Curled (Winter). — Very heavy; leaves dark green; tender and crisp. Per pkt., 5c.; oz., 20c.; ¼ lb., 60c.

White Curled. — Leaves pale green, a good variety. Per pkt., 5c.; oz., 20c; ¼ lb., 60c.

Broad Leaved Batavian "Scarole". — Very fine hearts, easily blanched. Per pkt., 5c.; oz., 20c.; ¼ lb., 60c.



Egg Plant New York Improved.



Leek.

EGG PLANT

Sow the seed thickly in a hot bed in March. When three inches high pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out from the pots when the season becomes sufficiently warm, in rows two feet apart and one foot in the rows.

New York Improved. — This is the very best type of this standard variety. Absolutely spineless; the plants grow low, stocky and branching; early and almost continuous bearer. The fruits are very large, smooth and have a rich satiny purple color. Pkt., 10c.; oz., 75c.

Black Beauty. — From 10 to 12 days earlier than New York improved. The fruits are broad, thick, of most attractive form and finest flavor. Its rich, lustrous, purple-black color is very uniform. Fine for the home garden. Not so good a yielder as New York. Pkt., 15c.; ½ oz., 50c.

Long Purple. — Very hardy; early and productive. Per pkt., 5c.; oz., 60c.

Early White Round. — Per pkt., 10c.; oz., 60.

Egg Plants. — (See page 40).

LEEK

Sow early in spring, in drills or beds; when the plants are eight to ten inches high transplant them in rows six inches apart and twelve inches between the rows. Plant at least three inches deep to have them well blanched.

Leek Dobbie's International Prize. — This Leek should be grown by competitors in all districts where it is customary to grow, and where Judges show a preference for long-blanched Leeks. When well grown, Dobbie's International Prize is impossible to beat. Per pkt., 15c.

Large Scotch, or Musselburgh. — Grows to an immense size; hardy and fine flavored. Per pkt., 5c.; oz., 20c.; ¼ lb., 75c.

Monstrous Carentan. — Very hardy; extraordinary size and of mild flavour. Per pkt., 5c.; oz., 20c.; ¼ lb., 75c.

Leek Plants. — (See page 40).

LETTUCE

One ounce will sow 100 feet of drill.

For early use, sow in hot beds in February; and for general use, as early in the spring as the ground can be worked, in a well prepared bed or drills; thin or transplant to one foot apart for heading. A sowing should be made at intervals throughout the season for succession.

MAY KING. (New). — An early outdoor variety and a good forcer. The heads are globe shaped, large and solid; leaves yellowish green with brown tinge, crisp and tender. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.

NEW LETTUCE "UNRIVALLED".—An improvement on the famous Big Boston Lettuce, possessing all the good qualities of this kind, viz.: Earliness, large size, attractive color, etc. It can be sown almost the whole year round; resists summer heat remarkably well, is crisp and solid when other sorts become tough and flabby under same conditions. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.

Boston Market. (Extra Selected Stock).—We recommend this lettuce as one of the best Cabbage Lettuce in cultivation for forcing. Per pkt., 10c.; oz., 50c.

California Cream Butter. — Large, solid round heads, light green outside, and creamy yellow within. Per pkt., 5c.; oz., 20c.; ¼ lb., 60c.

ST. LOUIS HEAD.— A popular and satisfactory head lettuce with the market gardeners. It forms a fine head, is tender and crisp, and is very slow to run to seed. Outer leaves are light Green, and the inner ones are bright, creamy yellow, of a very fine flavor. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.

Golden Queen. — Very early, yellow color; excellent for forcing. Heads are small, but nearly round. Can be grown either under glass or outside in spring. Per pkt., 5c.; oz., 25c.

Montreal Market. — A good summer cabbage sort; very crisp, large and light in color. Largely used for growing in cold frames during winter and spring, and a good sort to grow for market. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.

Grand Rapids Lettuce.

Unrivalled Lettuce.

Salamander. — An excellent spring, summer and fall variety, forming good-sized heads. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.

Boston Curled. — Leaves beautifully curled, small solid head. Good forcing variety. Pkt., 5c.; oz., 20c.

Denver Market. — Large solid head of a light green color, with crimpled leaves, resembling Savoy Cabbage. Pkt., 5c.; oz., 20c.

Early Curled, Simpson.—Does not head, but forms a compact mass of curly leaves of yellowish green. It matures early, hence is very generally grown in cold frames and is an early outside crop. Per pkt., 5c.; oz., 20c.

Grand Rapids Forcing. — This is regarded as the best forcing and shipping variety. Per pkt., 5c.; oz., 20c.

Grand Rapids Special Strain.—Pkt., 10c.; oz., 40c.

Paris White Cos.—Cos lettuce has come into favor, and rightly so, for its crisp and tender leaves are delicate and refreshing. Per pkt., 5c.; oz., 20c.

Other Standard Varieties. — New York, Iceberg, Hanson, Nonpareil, Gardeners Favorite, Defiance. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.

Lettuce for Birds.—Per lb., 40c.

Lettuce Plants. — (See page 40).

MUSTARD

Mustard is not only used as a condiment but the green leaves are used as a salad or cut and boiled like spinage. Sow as early in the spring as the ground will permit, in drills about eighteen inches apart, covering one-half inch deep. For succession, sow every few weeks till autumn. Water freely.

White. — Best variety for salads. Per pkt., 5c.; oz., 10c.; ¼ lb.; 15c.; lb., 40c.

Chinese. — Leaves twice the size of the ordinary White Mustard, of a deeper green. Flavor pleasantly sweet and pungent. Per pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

Montreal Improved Nutmeg Melon.

MUSK MELON

One ounce will sow about 70 hills.

MONTREAL IMPROVED NUTMEG. — This variety grows to a large size, beautifully netted and deeply ribbed, flesh light green, melting and of exquisite flavor. The best melon in cultivation. Our stock is true and was grown here under glass from selected fruit. Full cultural directions with every order. Per pkt., 15c.; oz., 75c.

Early Hackensack. — An improvement over the old Hackensack, producing melons of as good quality and fully 10 days earlier. Large fruit, with thick green flesh of the finest flavor. Pkt., 5c.; oz., 20c.

Petoskey or Paul Rose. — A yellow fleshed sort of suitable size for a crate melon and of excellent quality. The vines are vigorous and productive. The fruits are oval, slightly ribbed and densely netted. In general appearance they are much like Netted Gem but larger. The flesh is orange yellow, very thick, firm, sweet and highly flavored. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.

Miller's Cream. — Skin dark green color, slightly netted. Flesh salmon color, sweet and delicious flavor. A remarkable keeper. One of the best salmon fleshed Melons for shipping. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.

Rocky Ford. — Very early, flesh light green, very popular sort. Per pkt., 5c.; oz., 20c.

Green Nutmeg. — Named for its shape; green flesh, sweet, good for main crop; early. Per pkt., 5c.; oz., 20c.

Yellow Cantaloupe. — Very fine flavor, round, flesh reddish orange, an early productive variety. Per pkt., 5c.; oz., 20c.

Sutton's Superlative. — Fruit of medium size, almost round and very handsomely netted. Flavor unsurpassed by any other Melon in cultivation. Flesh scarlet, merging into a beautiful green tint near the skin, and so thick that the fruit is practically without a cavity. Occasionally a green-fleshed fruit of the same high quality is found. Plant robust in habit and sets its fruit with unusual freedom. Pkt., $1.00.

WATER MELON

One ounce will plant 50 hills.

Water Melons are cultivated in hills, which should be six to eight feet apart each way, and of light, moderately rich soil. The hills should be dug about two feet square, 18 inches deep, and half filled with well-rotted manure, which must be thoroughly incorporated with the soil. Plant in May, ten seeds to a hill, when the plants are well up, thin out to three. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting. Seeds should not be put into the hills until the weather becomes settled and warm.

COLE'S EARLY. — A fine variety for the family and market, and is particularly adapted, on account of its earliness, to Northern latitudes. The bright red flesh is cool, crisp and sweet. The Melons are of medium size, and produced in generous numbers. The heart is surprisingly large in proportion to size of Melon. Pkt., 5c.; oz., 15c.

Kleckley's Sweet.—The sweetest of all the Water melons. Fine flavored and grained; tender meat. Fruits are large size; rind very thin and green; very brittle; flesh scarlet and firm. Season is only medium early; hence is not recommended for the extreme north. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.

Phinney's Early. — This is a very choice early Melon. It is very hardy and a sure cropper. The rind is thin and the quality of flesh is sustained clear to the rind. Pkt., 5c.; oz., 15c.

Black Spanish. — Large, roundish, nearly black, dark red flesh, early. Pkt., 5c.; oz., 15c.

Hungarian Honey. — One of the best for home use. Flesh bright red with honey sweet flavor; usually small in size. Pkt., 5c.; oz., 15c.

Fordhook Early. — Shape nearly round, color medium green; rind tough; flesh bright red, very delicate, melting and deliciously sweet. A good shipping variety. Per pkt., 5c.; oz., 15c.

Citron. — Round small fruit; used for making preserves. Per pkt., 5c.; oz., 15c.

Colorado Preserving. — More productive than Citron. Pale green, with firm, solid flesh. Pkt., 5c.; oz., 15c.

ONIONS

One ounce for 100 feet of drill 5 to 6 pounds to the acre.

CULTURE. — Sow in rich, sandy soil, in drills 1 foot apart, as early as possible in the spring, cover with fine soil and firm well, either with roller or back of spade. When plants are strong enough thin out to 3 or 4 inches. The finest Onions are produced by sowing the seed in a hot bed early in February and transplanting seedlings to the open ground 6 inches apart.

Ailsa Craig. — A large and handsome variety. The skin is a pale straw colour, flesh white and mild. The bulbs are irregular in form, some being globe-shaped, others inclined to a flat oval. Seed should be started in a hot bed or in a box in the house for their full development. Pkt., 10c.; oz., 75c.

LARGE RED WETHERSFIELD. — One of the best varieties, very productive, of large size, deep red color, pleasant flavor, and an excellent keeper. Pkt., 5c.; oz., 20c.; ¼ lb., 55c.; lb., $1.60.

D. & F's. Selected extra large Red Wethersfield.— Pkt., 10c.; oz. 25c.; ¼ lb., 50c.; lb., $1.75,

Extra Early Red Wethersfield.—The first to ripen. A medium size variety ; an abundant producer, and very uniform in shape and size. Per pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., $1.75.

D. & F's. Select Danvers Yellow Globe.—Our strain of Yellow Globe Danvers Onion is unsurpassed. The shape is uniformly round; color, a fine brown orange yellow. The entire crop ripens down at one time and winters well. Per pkt., 5c.; oz., 25c.; ¼ lb., 65c.; lb., $1.80.

Danvers Early Flat Yellow. — Differs from the globe strain only in shape, being more flat. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., $1.35.

EXTRA EARLY RED GLOBE DANVERS. — This beautiful new onion, is of perfect globe shape, and is unquestionably the earliest American red variety ever introduced, and one of the best keepers. Pkt., 5c.; oz., 25c.; ¼ lb., 50c.; lb., $1.80.

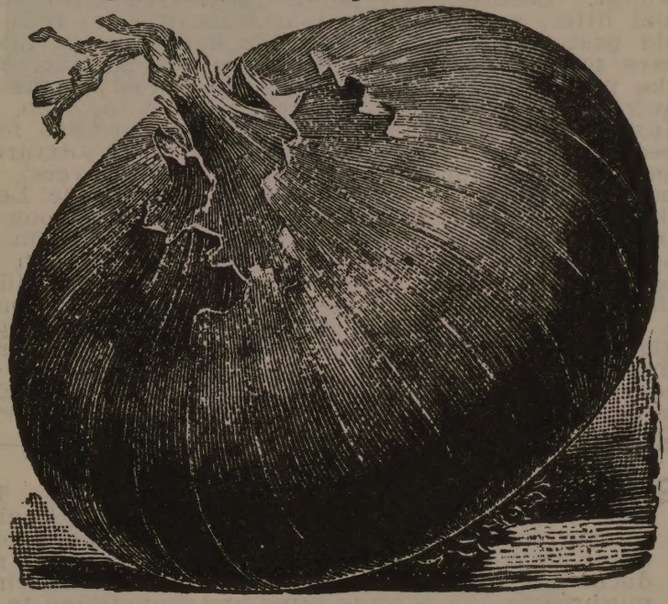
Mammoth Prizetaker or Spanish Yellow Globe. — A bright straw color, thin skinned, and of immense size. Seed should be started in the house or in a hot bed for their full development. Pkt., 5c.; oz., 25c.; ¼ lb., 65c.; lb., $1.80.

Mammoth Silver King. — Bulbs very large, flat, thick; skin thin and silvery white; flesh sweet and tender. Seed should be started in the house or in a hot bed for their full development. Per pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., $2.25.

Australian Yellow Globe. — The skin is a light brownish yellow similar to the Globe Danvers; but a little lighter when the bulbs are slightly larger. Per pkt., 5c.; oz., 15c.; ¼ lb., 45c.

Giant Rocca. — A large globe-shaped onion with light reddish-brown skin. If started in a box in the house or in a hot bed, bulbs grow to a very large size and ripen quite evenly. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.

Early Red Globe Danvers.



Wethersfield Onion.

White Globe.—Handsome globular Onion, of mild flavor; good keeper. Pkt., 5c.; oz., 35c.; ¼ lb., $1.00.

White Barletta. — A very early, small, pure white variety. For pickling purposes, it is unequalled. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.

White Portugal, or Silver Skin. — A mild flavored variety; good keeper. Pkt., 5c.; oz., 30c.; ¼ lb., 80c.

Small White Nocera. — Fine for pickling. Per pkt., 5c.; oz., 25c.; ¼ lb., 75c.

Prices subject to market changes.
When ordered to be sent by post add 5c. per ¼ lb., 10c. per ½ lb., 12c. per lb., and for each additional pound 8c. per lb.

Indispensable for early onions as in a very few weeks they are ready for the table. While it is much cheaper to grow onions from seeds, still it is considerable work to keep them weeded, and many of our customers who have only a small garden prefer to grow them from the sets.

Onion Sets should be planted out as early in the Spring as the ground is dry enough to work; plant them in rows 1 foot apart, with sets 3 or 4 inches apart in the row.

Red Bottom Sets. — Per lb., 20c.
White Bottom Sets. — Par lb., 25c.
Yellow Bottom Sets. — Per lb. 20c.
Potato Onion.—Per lb., 25c.
Shallots. — Per lb., 18c.
Garlic. — Per lb., 25c. to 50c.
Summer Top Onions. — Per lb., 40c.

Special prices for large quantities on application.

D. & F's. Reliable Mushroom Spawn

Culture.—Mushrooms may be grown in cellars, under benches of greenhouses, or in sheds, wherever the temperature of 50 degrees can be kept up through the winter. Secure fresh horse dung, free from straw and litter, and mix an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent heating, until the pile is large enough to make a bed of the required size. Three or four feet wide, 8 in. deep, and any length desired, are the proper proportions for a bed; but this may be varied. Prepare the mixture of loam and manure, making the bed in layers; and pounding down each with the back of the spade. Leave this to heat through for a few days and as soon as the heat subsides to 70 degrees, make holes in the bed about a foot apart each way, into which put pieces of the spawn 2 to 3 inches in diameter; fill up the holes with the compost and at the expiration of a week or 10 days the spawn will have thoroughly diffused itself through the bed. Spread a layer of fresh soil over the heap to the depth of 2 inches, and cover with 3 or 4 inches of hay, straw or litter. Examine the bed often to see that it does not get dry.

D. & F's. Specially Imported English Spawn.—Per brick, 20c.; per doz., $1.50. A trial solicited.

D. & F's. American Pure Culture Spawn. — This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time. This spawn is produced by selecting spores from individual specimen mushrooms and is propagated and transferred to the bricks of manure, which, when planted, produce mushrooms all of one type. In 1½ lb. brick, 25c., each; per doz., $2.50.

When ordered to be sent by mail add 15c. per brick.

Special quotations to large buyers on application. "How to Grow Mushrooms", 35c. Postpaid.

PARSNIP

One ounce will sow about 200 feet of drill.

Cooper's Champion Hollow Crown Parsnip.

CULTURE. — Sow as early in the spring as the weather will permit, in drills 15 inches apart, covering the seed one-half of an inch deep. When well up, thin out to 4 inches apart, in the rows. Parsnip grows best when the soil is deeply cultivated and enriched with old and well rotted stable manure; without this preparation the roots will be tough, stringy and small.

Dobbie's Selected. — The seed has been saved with the greatest care from roots of the finest form and quality. From its large size, it is well fitted for competition purposes and is generally recognized as the best for exhibition. Per pkt., 15c.; ½ oz., 35c.; oz., 60c.

Cooper's Champion Hollow Crown. — The best variety in cultivation for general use; roots intermediate length, white, smooth, sugary; excellent flavor, easily harvested. Per pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., $1.00.

Gurnsey or Student. — Slightly shorter than the Hollow Crown variety with a somewhat broader top or shoulder; it can also be sown a trifle later if necessary. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., $1.00.

PEPPER

One ounce will produce about 200 plants.

CULTURE. — Sow in hot bed in March or April; transplant in open ground when all danger from frost is over, in rows three feet apart and two feet apart in row.

Chinese Giant. — The largest and finest mild red variety. Per pkt., 10c.; oz., 75c.

Large Bell or Bull Nose. — A favorite pickling sort; is early, large, mild and thick-skinned; color red. Per pkt., 5c.; oz., 40c.

Long Red Cayenne. — A small, long, bright red sort; very productive; extremely strong and pungent. Per pkt., 5c.; oz., 40c.

Neapolitan (New). — The earliest and most productive large variety. Bright red, sweet and mild. Per pkt., 10c.; oz., 75c.

Procopp's Giant. — The Goliath of all the pepper family; flesh thick and pleasant. Per pkt., 5c.; oz., 40c.

Ruby King. — The best and most profitable mild red pepper for market or family use; sweet and mild; large size. Pkt., 5c.; oz., 40c.

Sweet Golden Dawn. — Very handsome and distinct mild flavor; very popular. Per pkt., 5c.; oz., 40c.

Sweet Spanish Monstrous. — A very large variety and mild flavored. Pkt., 5c.; oz., 40c.

When ordered to be sent by Mail add 5c. per ¼ lb., 10c. per ½ lb., 12c. per lb., and for each additional pound 8c. per lb.

PEAS

One pound will sow 50 feet of drill. Two bushels will sow an acre in drills.

EXTRA EARLY VARIETIES

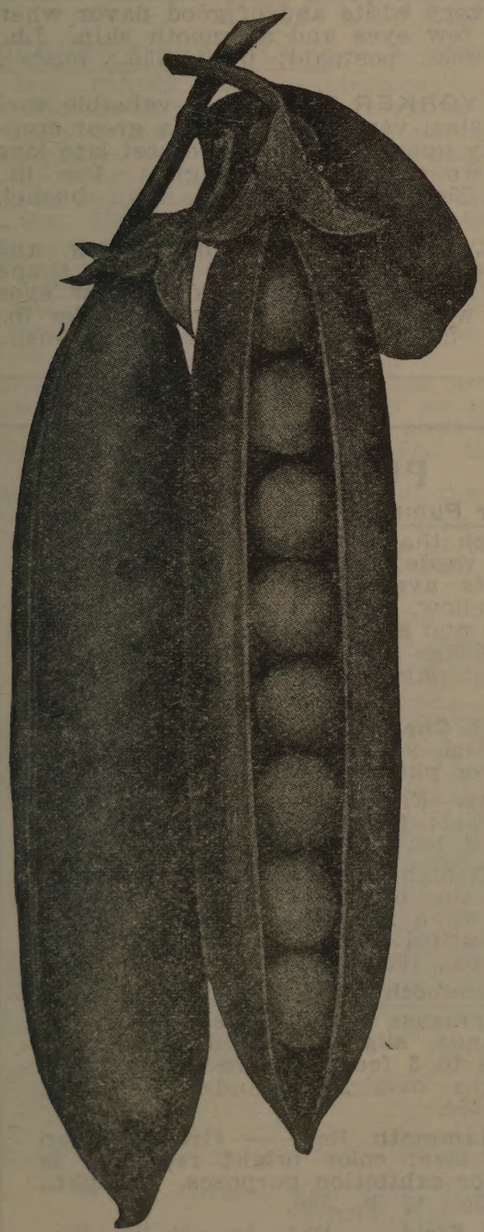
NEW "LAXTONIAN" PEA. — This Pea is everywhere recognized as one of the most wonderful Peas on the entire list. It is very dwarf, growing only 12 to 15 inches high, a good second-early, yet produces pods as large as the "Stratagem" or "Telephone". It is an ideal Pea for small gardens where the height of the vine is an important item. The pods are produced in great abundance; dark green in color; well filled with 8 to 10 large Peas with a flavor the very sweetest and best. Lb., 45c.

GRADUS (Our specially selected stock). — This is the earliest large-podded pea in cultivation. The peas are tender, sweet, of extra size; pods average four to four and one-half inches long and contain from eight to ten peas of enormous size and excellent quality. 3½ feet. Per lb., 30c.

THOMAS LAXTON. — A strong grower and as productive as the well-known Gradus. The pods are of a dark green color, filled with large peas of superb f avor. 3½ feet. Lb., 30c.

SUTTON'S EXCELSIOR. — A deservedly popular variety. An enormous yielder and of the very choicest flavor. Pods well filled with six to eight peas packed very closely together. Valued highly for the home garden and for all-round excellence is second to none. Lb., 35c.

Admiral Dewey Peas.



Laxtonian Peas.

New Pea Marvellous. See Page 18.

American Wonder. — Well-known early wrinkled sort. Height, 1 foot. Per lb., 25c.

Alaska — The earliest blue pea. Height, 2½ feet. Per lb., 20c.

First and Best. — Very early and prolific; a standard variety. Height, 2½ feet. Lb., 20c.

SECOND EARLY VARIETIES

SUTTON'S DWARF DEFIANCE. — Long dark green pods, well filled with peas of superior flavour. Height, 2 to 2½ feet. Per lb., 35c.

ADMIRAL DEWEY. — Remarkably healthy, vigorous and productive, it is almost entirely free from sports and in that respect is far ahead of any large podded pea ever grown. Pods of the largest size, frequently 6 inches in length, straight, rounded at the point, and most beautifully shaped, well-filled with large peas that are deep green in color and of the richest flavor; height, 3½ feet. Per lb., 30c.

Horsford's Market Garden. — Style of Advancer; very prolific. Per lb., 25c.

Heroine. — Large full pods; productive; quality perfect. Per lb., 20c.

LATER VARIETIES

Champion of England. — One of the best. Delicious flavor; profuse bearer of large pods and well-filled with large green wrinkled peas. Per lb., 20c.

IMPROVED STRATAGEM. — Half-dwarf; green wrinkled; vigorous branching habit; and enormous cropper. Pods long, filled with from 7 to 9 extra large peas of extra fine quality. Height, 2½ feet. Per lb., 25c.

Telephone. — This pea has proved to be a valuable acquisition. Height four and one-half feet. Pods very large, filled with immense peas, which are the largest of any. Tender and sweet. Per lb., 25c.

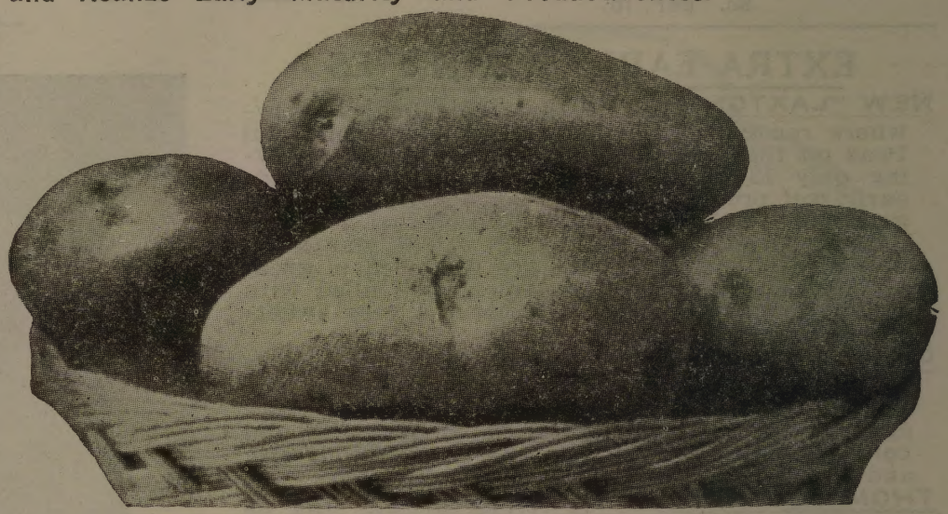
Sugar (Edible pods). — Tall. Per lb., 60c.

Sugar (Edible pods). — Dwarf. Per lb., 60c.

POTATOES FOR SEED

PRICES SUBJECT TO MARKET CHANGES.

Renew Your Seed and Realize Early Maturity and Productiveness.



Irish Cobbler. — One of the best extra early varieties producing plump, handsome tubers of good size and excellent quality. The tubers are a beautiful creamy white with strong well-developed eyes slightly indented. A heavy cropper. Per lb., 20c.; 5 lbs., 75c.; postpaid; peck, 50c.; bush., $1.50.

IMPROVED GREEN MOUNTAIN. — A reliable medium late potato increasing in popularity where known — in fact, having in some sections superseded all other main crop varieties. It seems to thrive in all soils and in all localities, making heavy, healthy vines and yielding big crops of large, smooth, white-skinned tubers of handsome flattish oval form. It cooks white, dry and mealy, with a desirab e flavor exclusively its own. A good keeper, not liable to scab or decay in field or cellar. Per lb., 20c.; 5 lbs., 75c.; postpaid; peck, 50c.; bush., $1.50.

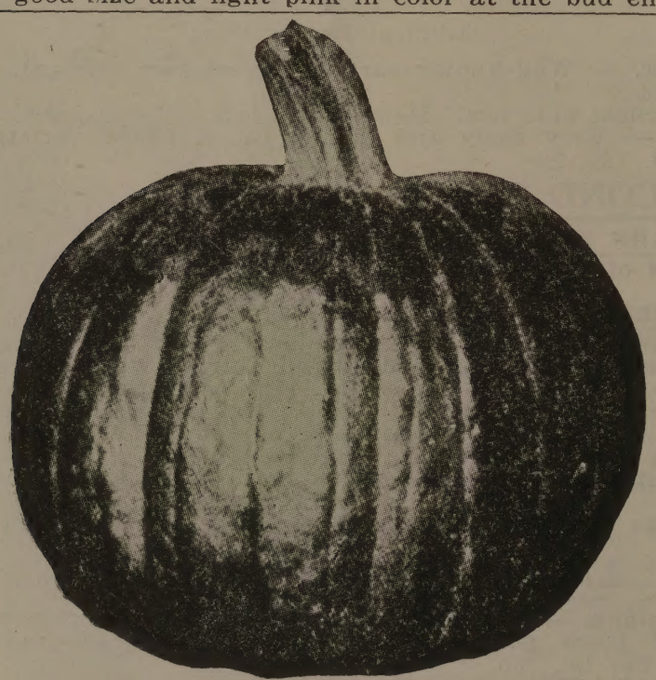
VERMONT GOLD COIN. — A grand new main crop variety. The vines are strong, with exceptionally luxuriant deep green foliage, making a healthy growth when other varieties are cut down by blight. In form the tubers are slightly oblong, rather broad and quite thick through. The eyes are small and there is very little waste in paring. The skin is thin, smooth and glossy, of light golden tint, having just sufficient colouring to distinguish it from the white — skinned varieties. The flesh is fine-grained, of a pure pearly whiteness, cooks very dry and of finest quality. Per lb., 25c.; 5 lbs., 90c.; postpaid; peck, 75c.; bushel, $2.00. M. Chs. A. Fisk, of Abbotsford, says he harvested over 300 bushels per acre.

EARLY ROSE. — This variety has been a great favorite for many years and many growers still claim that it has never been excelled in quality and productiveness. Potatoes are long in shape, good size and light pink in color at the bud end. They cook mealy and are of the finest flavor. Per lb., 20c.; 5 lbs., 75c.; postpaid; peck, 50c.; bushel, $1.50.

EUREKA EXTRA-EARLY. — This is one of the very earliest Potatoes that has ever been introduced. The vines are compact in growth, foliage heavy and blight-resisting, and they have never been known to take on a second growth, thus insuring smooth, regular tubers. The flesh is very white and of good flavor when cooked; has few eyes and a smooth skin. Lb., 25c.; 5 lbs., 90c.; postpaid; peck, 75c.; bushel, $2.00.

RURAL NEW YORKER No. 2. — A valuable variety of large size; very smooth and a great cropper; in quality unexcelled. It is the best late long keeper, and we recommend it highly. Per lb., 20c.; 5 lbs., 75c., postpaid; peck, 50c.; bushel, $1.50.

Carman No. 1. — Intermediate in ripening, and resembles the Rural New Yorker No. 2 in shape, and also in having very few and shallow eyes. The flesh is white and quality perfect. Per lb., 20c.; 5 lbs., 75c. postpaid; peck, 75c.; bush., $2.00.



Small Sugar Pumpkin.

RHUBARB

Rhubarb requires the richest deeply tilled soil, with plenty of well rotted manure annually; then the produce will be large, and tender.

Victoria.—Per pkt., 5c.; oz., 30c.

St. Martin.—Per pkt., 5c.; oz., 30c.

Roots, 20c. each; $2.00 per doz.

PUMPKIN

Small Sugar Pumpkin —This is the pumpkin from which the celebrated Yankee Pumpkin pie is made. About 10 inches in diameter is its average size. Skin is deep orange yellow, with fine grained flesh; handsome and an excellent keeper. A most prolific yielder and cannot be excelled as a table pumpkin. Pkt., 5c.; oz., 10c.; ¼ lb., 30c

Large Sweet Cheese. — Fine for pies, productive, flesh yellow, sweet, keeps well in winter. Per pkt., 5c.; oz., 10c.; ¼ lb., 30c.

Japanese Pie.—Flesh very thick, fine grained and sweet; fine for pies. Per pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $1.75.

Mammoth Golden Cushaw. — An improvement on the old light colored Cushaw, the skin, when Pumkins are matured, being a beautiful golden orange color. Per pkt., 5c.; oz., 10c.

Genuine Mammoth or True Potiron.—Form like an immense Nutmeg Melon with depressed ends, slightly ribbed and grows sometimes to 3 feet or more in diameter, and weighs over 200 pounds. Per pkt., 10c.; oz., 25c.

Etampes Mammoth Red. — Grows to an enormous size; color bright red, and is splendid for exhibition purposes. Per pkt., 5c.; oz., 15c.; ¼ lb., 50c.

Connecticut Field. — Pkt., 5c.; ¼ lb., 15c.; lb., 50c.

PARSLEY

One ounce will sow about 150 feet of drill

Soak the seed a few hours in warm water and sow very early in the spring, in drills 12 inches apart; thin out the plants to 3 inches apart.

Champion Moss Curled. — One of the best, for garnishing. Per pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., $1.50.

New Dwarf Perfection. — The habit is regular and compact, and the exquisitely fine and prettily curled leaves are set so closely that the form of the plant is almost semi-globular. Per pkt., 10c.; oz., 25c.

Hamburg or Rooted. — The root is the edible portion of this variety and resembles a small parsnip both in color and shape. Flesh white, a little dry and in flavor is similar to celeriac. The foliage is practically the same as that of Plain Parsley. The roots can be dug late in the fall and stored in sand for winter use. Extensively used for flavoring soups and stews. This variety is sometimes called Turnip Rooted. Pkt., 5c.; oz., 25c.; ¼ lb., 50c.; lb., $1.50.

Plain. — The leaves of this variety are flat, deeply cut but not curled. Very desirable for flavoring soups and stews and for drying. It is a favorite on account of its very dark green leaves as well as its hardiness of plant. Pkt., 5.; oz., 20c.; ¼ lb., 50c.; lb., $1.50.

Dobbie's Selected Parsley. (See page 18)

RADISH

One ounce will sow about 100 feet of drill

COOPER'S SPARKLER. — A quite distinct variety, fulfills every requirement in each respect, the colour being a rich carmine scarlet with a very pronounced tip of the purest white. It is equally well adapted for forcing in frames or growing in the open ground for while the leaves are small, they are sufficiently large for bunching. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.00.

NON PLUS ULTRA or TWENTY-DAYS FORCING. — The earliest of all radishes for forcing, being fit for table in three weeks. Roots round and bright scarlet. Per pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.00.

Crimson Giant Forcing. — This variety will grow to a medium size as quickly as any; it also remains crisp, firm and solid until double the size of others. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.00.

Rosy Gem (Forcing). — One of the earliest; perfectly globular; color rich, deep scarlet at the top, blending into pure white at the bottom; exceedingly tender and crisp. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.00.

White Turnip, Non Plus Ultra and Scarlet White Tip.

Vick's Scarlet Globe.—Very attractive; admirable for forcing or out-of-door culture; globe form with small top; color rich deep scarlet. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

French Breakfast, Improved. — A medium-sized Olive-shaped variety of bright scarlet colour, attractively tipped with white; it is of of quick growth with very small top and flesh is of the finest quality, tender, and of mild flavour; excellent for forcing or for summer use. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.

ICICLE, THE FINEST EATING, WHITE RADISH. — The best eating radish, and the best white variety. This sort has long, slender, pure white roots, which remain mild and crisp until they grow of large size. Many of our customers think it the finest radish they have ever grown. Tops are quite short, making it early, and also allowing their close planting. A succession is secured by planting seed every ten days. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Extra Early Turnip. — Small top, very early. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Extra Early White Turnip. — Round, like the Scarlet in pure white. Per pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Early Scarlet Turnip, White Tip. — Scarlet with white tip. Per pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Scarlet Olive Shaped. — Oval, very tender and excellent, an inch and a half long. Per pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

White Strasburg. — Roots oblong; pure white; mild flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Beckert's Chartier. — Long crimson, shaded white. Pkt., 5c.; oz., 10c.; ¼ lb.. 30c.; lb., 90c.

Long Scarlet Short Top. — Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Scarlet China. — One of the best fall and winter varieties. — Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., $1.50.

Round Black Spanish. — Excellent for winter use. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.

Long Black Spanish. — Pkt., 5c.; oz., 20c.; ¼ lb.. 50c.; lb., $1.50.

SAKURAJIMA, MAMMOTH JAPAN. — A variety of large size grown in Japan. Pure white, tender and crisp; the largest grown. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., $2.50.

SQUASH

One ounce Marrow Squash will plant about 50 hills.
One ounce Early Squash will plant about 25 hills.

Early White Bush Scalloped Squash

IMPROVED HUBBARD, (Winter). — The well-known and standard late variety, our strain is excellent. Per pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., $1.50.

Mammoth Warted Hubbard, (Winter). — Grows larger than the old variety, darker green and covered with knots. Per pkt., 5c.; oz., 20c.

GOLDEN HUBBARD, (Winter). — This is a very distinct sort of the shape and general character of the Hubbard, but a little smaller; earlier to mature and of rich orange red color, instead of the dark olive green of the old Hubbard. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., $1.50.

ESSEX-HYBRID, (Winter). — Standard winter sort, flesh a trifle darker than Hubbard; excellent keeper. Per Pkt., 5c.; oz., 15c.; ¼ lb., 40c.

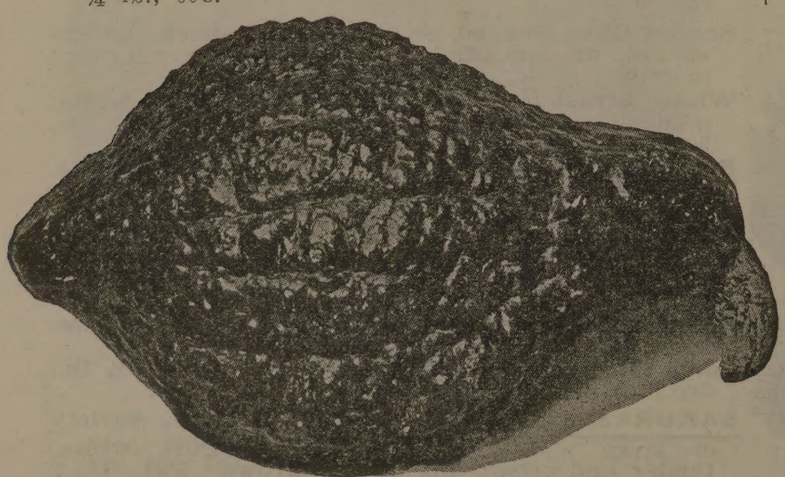
Fordhook, (Winter). — Skin bright yellow, flesh straw colored, very sweet, one of the best keeping winter varieties. Per pkt., 5c.; oz., 20c.

Early White Bush Scalloped, (Summer). — Standard summer-variety, good for home or market. Per pkt., 5c.; oz., 15c.

Early Yellow Bush Scalloped, (Summer). — Same as White Bush, except in color. Per pkt., 5c.; oz., 15c.

Boston Marrow. — A late variety. A good keeper and of fine flavor. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.

Vegetable Marrow, (Summer). — An English veriety, early and with greenish white skin. Flesh white, soft and of rich flavor. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.



Hubbard Squash.

LONG WHITE BUSH MARROW, (Summer). — This variety is a great improvement on the old trailing Vegetable Marrow. The fruit is larger and handsomer. Per pkt., 5c.; oz., 20c.; ¼ lb., 60c.

Winter Crookneck. — A good keeper with yellow skin; a well-known old-fashioned variety. Per pkt., 5c.; oz., 15c.

Giant Summer Crookneck. — Double the size of the ordinary Crookneck and very warty, but similar in other respects. Per pkt., 5c.; oz., 15c.

Mammoth Chilli, (Winter). — Attains an enormous size often reaching a weight of 200 pounds. and not unfrequently weighs 300 pounds. Despite its size, its flesh is rich and fine flavored. It is especially desirable for stock feeding and exhibition purposes.

Mammoth Chilli Squashes carry off the prize at nearly every show where they are exhibited. Pkt.. 10c.; oz., 25c.

SPINACH

One ounce will sow about 100 feet of drill

LONG SEASON. — A greatly improved stock which stands longer before starting seed stems than any other variety. It forms a dense rosette of thick, tender, crumpled leaves of very dark green color, retaining their freshness for a long period after cutting. The best Spinach for Spring sowing. Pkt., 10c.; oz., 15c.; ¼ lb., 30c.; lb., 70c.

Victoria. — Of dark green color and long standing qualities. Unexcelled for Spring sowing. Per pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

Bloomsdale. — Very hardy and stands up well. Per pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

Viroflay. — Has thick leaves of great substance, fine color and quality. Per pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

Long Standing. — Excellent for Spring sowing, as it will stand two weeks longer than the old Round Leaf without going to seed. Per pkt 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

SALSIFY

One ounce will sow 50 feet of drill.

The preparation of the soil and the sowing is the same as for parsnip or carrots. The roots may like parsnips, remain in the ground all winter.

MAMMOTH SANDWICH ISLAND (Oyster Plant) The best variety of Salsify, being very smooth, of fine quality, pure white and extra large size. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.

Long Black, or Scorzonera.—Resembles above but black. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.

SEA KALE

Sow in May in richly manured soil, and when plants are sufficiently strong transplant into rows three feet apart, with two feet between plants. In fall cover with two feet of leaves, allowing these to remain until the succeeding June, when the plants will be thoroughly blanched. Per pkt., 5c.; oz., 25c.

TOMATO

One ounce will produce about 1,000 plants

SPARK'S EARLIANA, LANGDON'S NORTHERN ADIRONDACK STRAIN.—The earliest, smoothest, hardest and best early Tomato grown. In this Special Strain of Spark's Earliana we have a closer jointed and more compact vine together with very smooth deep fruits which are ready for market five to seven days earlier. The tomatoes are exceptionally smooth, regular in form and are quite deep through from stem to blossom end. The fruits mature quickly and generally can be all gathered in about three weeks from the time the first fruit ripens. This northern grown strain of Spark's Earliana Tomato is undoubtedly the very best earliest scarlet-fruited tomato. Per pkt., 15c.; ½ oz., 50c.; oz., 80c.

Seed from Crown and Selected Fruit.—Pkt., 15c.; ½ oz., 75c.; 1 oz., $1.25.

Earliana. — It is remarkable for its size and its earliness. Good form and wonderfully productive. Pkt., 5c.; oz., 30c.; ¼ lb., $1.00.

Chalk's Early Jewel. — A second or medium early sort. Later than Earliana. Vines vigorous and productive. Fruit solid and without hard core. Color, bright scarlet. A sort having great merit. Pkt., 5c.; oz., 30c.; ¼ lb., $1.00.

Bonny Best. — Ripens with our strain of Chalk's Early Jewel. Vine, strong and vigorous. Fruit, deep scarlet, ripening to stem. Flesh, firm. A productive and very desirable early and main crop variety. Pkt., 5c.; oz., 30c.; ¼ lb., $1.00.

June Pink. — A very early market sort, smooth and of bright pink color. Pkt., 5c.; oz., 40c.; ¼ lb., $1.50.

June Pink. — Langdon's Northern Adirondack Strain. — Pkt., 10c.; ½ oz., 50c; oz., 80c.

Crimson Cushion. — Large size, sometimes weigh one pound. Nearly round and of very good quality. The color is bright scarlet and flesh very thick and meaty. Pkt., 5c.; oz., 20c.; ¼ lb., 70c.

Ponderosa. — Largest of all Tomatoes. Single specimens often growing to weigh from one and one-half to two pounds. Good flavor. Pkt., 5c.; oz., 50c.; ¼ lb., $1.75.

Dwarf Giant. — Largest-fruited of all dwarf sorts. Rich purplish crimson; firm flesh of delicious flavor. Compact and vigorous grower.

Livingston's Globe. (Livingston's Specially Selected Stock). — Perfectly globe-shaped, early, large, smooth, has few seeds, firm fleshed, ripens evenly; rose-colored tinged with purple, very productive; an excellent keeper, flavor superb. A fine variety for **greenhouse** or for **outdoor growing.** Pkt., 10c.; oz., 50c.; ¼ lb., $1.75.

COMET.—The fruit is of medium size, and a bright red colour, smooth. very firm and solid. It is a most prolific and continuous cropper. For early forcing this variety is unequalled. Pkt., 15c.

Lister's Prolific, Improved. — The plant is of sturdy habit, closely joined, and produces enormous bunches of fruit, which is of medium size, round and firm, and with a beautiful glossy scarlet skin. One of the best for forcing. Pkt., 25c.

Sutton's Winter Beauty.—Excellent for **growing under glass.** Color deep scarlet, of good size, and very solid. Pkt., 25c.

Ferguson's O. K. Tomato. See page 18.

	Pkt.	oz.	¼ lb.
Acme	0.05	0.20	0.70
Beauty	0.05	0.20	0.70
Livingston's New Coreless	0.10	0.75	
Dwarf Stone	0.05	0.35	1.25
Dwarf Champion	0.05	0.35	1.25
Favorite	0.05	0.20	0.70
Freedom	0.05	0.35	1.00
Honor Bright	0.05	0.25	0.80
New Stone	0.05	0.20	0.70
Magnus	0.05	0.20	0.70
Perfection	0.05	0.20	0.70
Royal Red	0.05	0.25	0.80
Trophy	0.05	0.20	0.70
Golden Queen	0.05	0.25	0.85

SMALL FRUITED VARIETIES FOR PRESERVING AND DECORATION

Pkt., 5c.; ½ oz., 30c.; oz., 50c.

Pear Shape, or **Fig.** Fruit is yellow.
Red Cherry. Small, red, borne in clusters.
Strawberry, or **Ground Cherry.** Fruit is yellow, grows in husks; excellent for preserves.
Yellow Peach. Fruit is yellow, peach shape.
Yellow Plum. Lemon color, oval, smooth.
Red Plum. Similar to above only red.
Red Currant. Quite small.

TURNIP

One ounce will sow about 150 feet of drill

EXTRA EARLY MILAN. — The earliest Turnip for market gardeners. A flat, strap leaved variety with white flesh. Skin white under ground and purple-red above. Per pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., $1.25.

White Milan. — The earliest white turnip. Same shape, size and equally as early as above, "white top." Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.

Early Snowball. — A medium-sized, round, pure white variety, of excellent flavor. Per pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Early White Egg. — An egg-shaped variety, flesh white, fine grained, mild and sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Early White Flat Dutch, Strap Leaved. — Roots, medium sized, flat, white and sweet. Per pkt., 5c.; oz, 10c.; ¼ lb., 20c.; lb., 50c.

GOLDEN BALL. — The most delicate yellow-flesh turnip we know of. Not large, but firm, hard, and of excellent flavor. As a table variety has no superior. Per pkt., 5c.; oz.,10c.; ¼ lb., 20c.; lb., 50c.

Large Amber Globe. — Flesh yellow; fine grained and sweet, color of skin yellow, with green top. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

D. & F'S. IMPROVED WESTBURY SWEEDE. — A fine strain for family use; finest quality, flesh, crisp, tender, of extra good flavour and a good keeper. Pkt., 5c.; ¼ lb., 10c.; lb., 25c.

White and Purple Top Milan Turnips.

TOBACCO

One ounce will sow twenty-five feet square, and produce plants for an acre. Sow in April in a hot bed, and when the plants are about six inches high transplant about the end of May into rows three feet apart each way.

Comstock Spanish. — Considered the very best of Cigar Tobaccos. The leaf is of good size and is suitable for wrappers or fillers. Pkt., 5c.; oz., 50c.

Quesnel. (Cinnamon Scented). — A variety whose high, aromatic flavor is well known and very popular. For a pipe tobacco this has no equal and it is very extensively grown in Canada for this purpose. The leaf is of good size and shape and excellent quality. If you want a highly flavored tobacco, you cannot get a better one than this. Pkt., 10c.; oz., 60c.

Perfume of Italy. — Very sweet scented. A good pipe and cigar tobacco. Per pkt., 10c.; oz., 75c.

General Grant. — This variety ranks among the first in the manufacture of cigars. In addition to its other good characteristics, it is noted for its extreme earliness. Upon the market it is very well known and popular, its products always being in demand. The size, shape, and texture of its leaf help to make it an ideal cigar tobacco. Per pkt., 10c.; oz., 75c.

Small Red Canadian. — Fine flavored, small Canadian variety. Per pkt., 5c.; oz., 50c.

White Burley. — Makes the best chewing tobacco. Per pkt., 5c.; oz., 40c.

Large Havana. — A heavy cropper. An early cigar variety. Per pkt., 5c.; oz., 60c.

Small Havana. — Per pkt., 5c.; oz., 50c.

Connecticut. — The heaviest cropper. Per pkt., 5c.; oz., 50c.

Blue Pryor. — Per pkt., 5c.; oz., 40c.

Yellow Oronoca. — Per pkt., 5c.; oz., 40c.
Persian Rose. — Per kt., 10c.; oz., 75c.

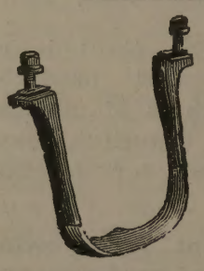
BIRD SEED

CANARY SEED MIXED. — A mixture of many varieties of seeds in suitable proportions, as recommended by the eminent fanciers. All the seeds are of the finest quality, bright, sweet, perfectly clean, free from deleterious substances, and of the highest nutritive properties. Lb., 10c.

Canary Seed	Best Grade	lb.	15c.
Hemp	" "	lb.	10c.
Millet	" "	lb.	8c.
Rape	" "	lb.	15c.
Lettuce	" "	oz.	10c.
Maw	" "	lb.	25c.
Cuttle Fish Bone	" "	lb.	50c.

PARROT FOOD MIXED. — A mixture of seeds especially selected for Parrots, and of the highest standard of excellence. Lb., 15c.

Onion Set Gatherer



Saves hours of hard work. Gathers onions, radishes and other root crops in a thorough manner. Can be used on any of our double and single wheel hoes. Price, $1.25.

Sweet Pot and Medicinal Herbs

CULTURE. — Herbs delight in a rich, mellow soil. Sow seeds early in spring in shallow drills, 1 foot apart; when up a few inches thin out to proper distance, or transplant. They should be cut on a dry day just before they come into full blossom, tied in bunches and hung up or spread thinly on a floor where they can dry quickly.

Basil Sage Marjoram Savory Thyme

Anise. — An annual plant of which the seeds are used for flavoring. Per pkt., 5c.; oz., 25c.

Balm. — The leaves are used as a condiment and for flavoring spirits. Per pkt., 5c.; oz., 30c.

Basil, Sweet. — Used for flavoring. Pkt., 5c.

Borage. — The flowers are used to ornament salads, and for Bee pasture. Per pkt., 5c.

Caraway. — The ripe seeds and sometimes the leaves are used for flavoring. Per pkt., 5c.; oz., 15c.; ¼ lb., 30c.

Coriander.—The seeds are used for flavoring and in the manufacture of confectionery and liquors. Per pkt., 5c.; oz., 20c.

Dill. — The seeds are used as a condiment and in the manufacture of pickles and sometimes of jams and preserves. Per pkt., 5c.

Fennel. — The clasping base of the leaves is used like celery, uncooked and the seed is sometimes used as a seasoning. Per pkt., 5c.

Horehound. — This is used chiefly and exclusively as a cough remedy. Per pkt., 5c.

Hyssop. — The young tender leaves are used occasionally as a condiment and for seasoning. Per pkt., 5c.; oz., 30c.

Lavender. — Sometimes used in seasoning but chiefly in perfumery. Per pkt., 5c.; oz., 50c.

Pennyroyal. — Used chiefly as an insecticide. Per pkt., 10c.

Rampion. — A biennial plant, both root and leaves are used in salads. Per pkt., 5c.

Rosemary. — Used for perfumery. Yields an aromatic oil. Per pkt., 5c.; oz., 60c.

Sage. — The leaves are extensively used in various culinary preparations. Per pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., $1.75.

Saffron. — Per pkt., 5c.; oz., 25c.

Savory Summer. — Used only for seasoning. Per pkt., 5c.; oz., 20c.; ¼ lb., 50c.

Savory Winter. — Used same as the above. Per pkt., 5c.; oz., 30c.

Skirret. —The roots of the plant which is of the carrot family, are tender, sweet and slightly farinaceous, they are used like salsify. Per pkt., 5c.; oz., 40c.

Sorrel Broad Leaved. — Cultivated for its acidity, used in salads. Per pkt., 5c.; oz., 15c.

Sweet Marjoram. — Per pkt., 5c.; oz., 20c.

Thyme Summer. — Both these plants are used for seasoning. Per pkt., 5c.; oz., 50c.; ¼ lb., $1.50.

Thyme Winter. — Large perennial. Per pkt., 5c.; oz., 60c.

Wormwood. — Used as a tonic and for flavoring. Per pkt., 5c.; oz., 35c.

Wild Rice

The plant is a stately and graceful grass, deserving to be better known. Recommended for borders of lakes and ponds. The grain is excellent for fish and WATER FOWL. Lakes and ponds bordered with Wild Rice are favorite resorts of SPORTSMEN in the fall. Before sowing, put the seeds in coarse cotton bags and sink them in water for twenty-four hours. Sow in water from 6 in. to 5 feet deep with soft mud bottom, or low marshy places which are covered with water the year round. In running water, sow as much out of the current as possible. Wild Rice is very desirable for aquatic gardens, being one of the handsomest of tall hardy grasses for the margins of ponds. In fish ponds and lakes, it purifies the water and affords a refuge to the small fry from the large fish, and also furnishes them with food from the animalculae on the stalks. Lb., 25c.; by mail 45c.; 10 lbs. or over, 22c. per lb.

VEGETABLE PLANTS AND ROOTS

Asparagus Giant Early Argenteuil. — 2 years old; per 100, $1.50.
Asparagus (Other varieties). — 2 years old; per 100, $1.00.
Cabbage. — In variety; per 100, 50c.
Cauliflower. — Per 100, $1.25.
Celery. — Transplanted. Per 100, $1.50.
Cucumber. — Per pot, 25c.
Chives. — 20c. per clump.
Hop Vine Roots. — 15c. each.
Egg Plants. — Per doz., 75c.
Garlic Sets. — Per lb., 40c.
Horse Radish Roots.
Leeks. — 50c. per 100.
Lettuce Plants. — Best sorts, 50c. per 100.
Montreal Nutmeg Melon. — Per pot, 25c.
Mint Plants. — 10c. each; per doz., 75c.
Pepper Plants. — 40c. per doz.; per 100, $2.85.
Rhubarb Roots. — 20c. each; per doz., $1.80.
Tomato. — Large transplanted plants, 40c. per doz.; per 100, $2.50.
Tomato. — Seedlings, per 100, $1.00.
Tobacco Plants. — Per 100, 50c.

SELECTED FARM SEEDS

Mammoth Mangel.

When ordered to be sent by mail, add 5c. per ¼ lb., 10c. per ½ lb., 12c. per lb., and 8c. for each additional lb.

MANGEL WURZEL

NEW YELLOW MANGEL BEST OF ALL. — A wonderful improvement on all existing stocks of Yellow Mangels, being the heaviest cropper and easiest pulled, besides being of the very finest possible quality. Shape between intermediate and tankard; beautiful pale yellow skin with fine top. Selected by Kelway & Son, the introducers and growers, for very many years before being now offered. The largest and best of all yellow mangels. Distinct from all advertised kinds. Per ¼ lb., 15c.; ½ lb., 25c.; lb., 40c.

DANISH SLUDSTRUP. — The Danish Government encourages the growing of root crops by offering certificates of merit to growers who select and produce sorts which are of distinctive value. Sludstrup is considered the best of all mangels having been awarded a first class certificate. In color it is reddish-yellow and of a distinct type. It contains the largest per cent of nutriment found in any sort. It is very hardy, grows well above ground and is easily pulled. Per ¼ lb., 10c.; ½ lb., 18c.; lb., 30c.

D. & F'S. IMPROVED MAMMOTH LONG RED. — Our stock is a great improvement on the old variety. The roots are very large, uniformly straight and well formed. Color deep red, roots solid, tops small. Roots attain a large size. We received several reports last season of Mangels weighing 20 to 23 pounds each. Produces an immense bulk and tonnage. Per ¼ lb., 10c.; ½ lb., 18c.; lb., 30c.

D. & F'S. GOLDEN GIANT INTERMEDIATE. — Flesh white, firm and sweet, much liked by cattle. Easily lifted from the ground, producing enormous crops. Per ¼ lb., 10c.; ½ lb., 18c.; lb., 30c.

YELLOW GLOBE. — Very productive, easily pulled. Per ¼ lb., 10c.; ½ lb., 18c.; lb., 30c.

GOLDEN TANKARD. — Very productive and sweet, flesh yellow, tops and necks very small. Per ¼ lb., 10c.; ½ lb., 18c.; lb., 30c.

Red Globe. — Similar to Yellow Globe, except in color. Per ¼ lb., 10c.; ½ lb., 18c.; lb., 30c.

Long Yellow. — ¼ lb., 10c.; ½ lb., 18c.; lb., 30c.

Long White. — ¼ lb., 10c.; ½ lb., 18c.; lb., 30c.

D. & F'S. GIANT SUGAR BEET or HALF SUGAR WHITE MANGEL. — This strain of beets is very desirable for stock feeding, affording not only a very large crop much easier to harvest than other sorts but also having higher nutritive value, being especially rich in sugar. Roots light bronze green above ground, grayish white below, with white flesh. On account of growing partly out of the ground and the long ovoid shape the crop can be harvested and stored easily and at less expense than any other root crop. Pkt., 5c.; per ¼ lb., 10c.; ½ lb., 18c.; lb., 30c.

D. & F'S. SUGAR BEETS OR HALF SUGAR ROSE MANGEL. —The skin is bright rose above ground and white below. Flesh white, sometimes tinged with rose. Per ¼ lb., 10c.; ½ lb., 18c.; lb., 30c.

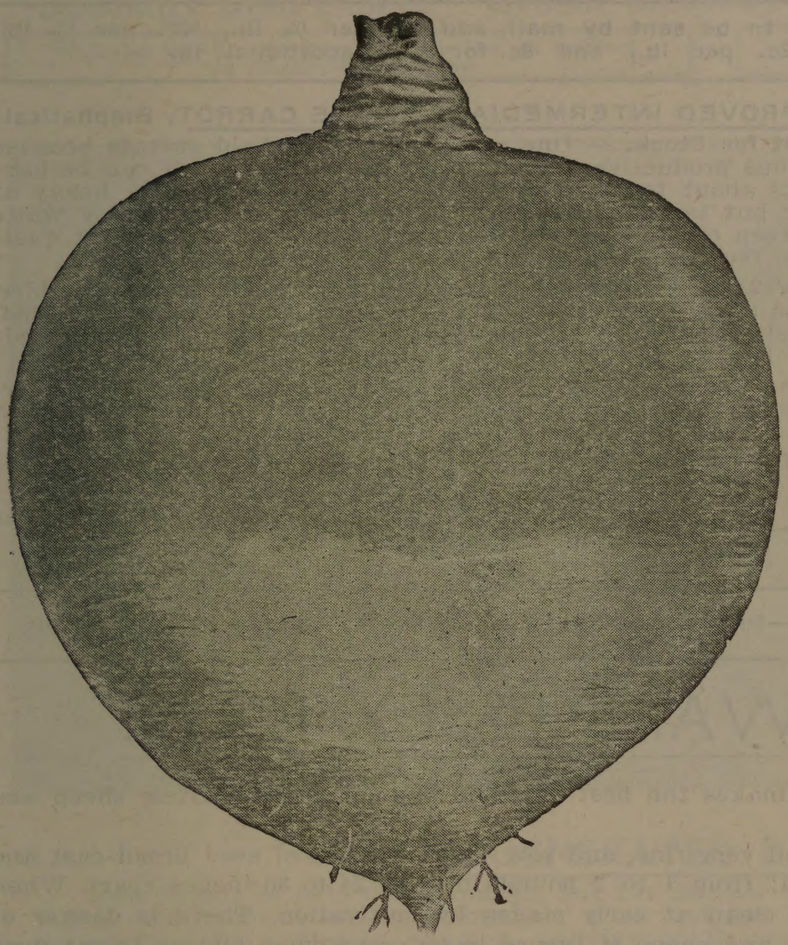
SUGAR BEETS

D. & F'S. DANISH IMPROVED SUGAR BEET.—It is a recognized fact that the Danes are past masters in dairy farming and thanks to the hearty encouragement given to well-known seed specialists by the Danish Government the Sugar Beet industry has been given a decided and invigorating impetus resulting in a marked improvement in the quality of Sugar Beets suitable for the production of saccharine and for stock feeding. The Danish Improved is considered by many eminent authorities as the "Acme of Perfection" and laboratory tests show that it possesses a very superior percentage of sugar, making this variety invaluable for stock feeding. The roots are of thick oval form tapering very gradually, pink in color with white tip; a heavy cropper and at all points a most desirable variety to grow. Per ¼ lb., 10c.; ½ lb., 18c.; lb., 30c.

RED TOP SUGAR BEET. — Flesh white, rich and sweet; a grand cattle-feeding sort, and a good crop producer. Per ¼ lb., 10c.; ½ lb., 18c.; lb., 30c.

TURNIP

When ordered to be sent by mail, add 5c. per ¼ lb., 10c. per ½ lb., 12c. per lb., and 8c. for each additional lb.



Ne Plus Ultra Swede.

Best Swedish Varieties

NE PLUS ULTRA.—The English Farmers have long been noted as growing the finest Turnips in the world, and in Ne Plus Ultra, we have the finest development of the English Swede Turnip yet introduced. It yields an enormous crop, is very hardy and certainly the highest quality Swede in cultivation. It possesses very dense sound yellow flesh. It is as near as possible globe shaped, with a very neat short neck, dwarf foliage and a clean top root. The roots grow very uniform in shape, the portion growing out of the ground is of a bronze-purple colour, and excellent keepers. Per ¼ lb., 15c.; ½ lb., 20c.; lb., 35c.

D. & F'S. FAVOURITE. — This is a strain of Purple Top swede, selected to a smaller top and much shorter neck than is usually found, while the roots grow to a large size and are of the finest quality, and excellent for table use and stock feeding. Per ¼ lb., 10c.; ½ lb., 15c.; lb., 25c.

CARTON'S SUPERLATIVE. — Described by Messrs. Carton as follows: — "It embodies the excellent properties of both parents, i. e., Elephant (or Monarch) and Best of All, while the leaf stalks are remarkably short and the neck is almost absent. In shape Superlative takes after both parents, the bulbs being nearly as long as those of Elephant, but with a much better body, which is inherited from Best of All, and it has been proved to be of much better quality.
Per ¼ lb., 10c.; ½ lb., 15c.; lb., 25c.

NEW UNIVERSAL PURPLE TOP. — In form and growth it resembles the Westbury Swede. It is one of the very best shipping varieties on the market, while for cooking it excels all the ordinary Swedes. It is a heavy cropper, and the best to resist mildew. Per ¼ lb., 10c.; ½ lb., 15c.; lb., 25c.

D. & F'S. IMPROVED WESTBURY SWEDE. — This special strain of Ruta Baga, is remarkable for uniform shape and fine quality, and is also a splendid keeper. They grow to a large size; skin is smooth, and flesh a beautiful yellow color and fine-grained. The flavor is good, being very sweet and tender. The best for market or home. Pkt., 5c.; ¼ lb., 10c.; ½ lb., 15c.; lb., 25c.

Elephant or Monarch. — It produces large oval-shaped roots, with small short neck, and relatively small tops, flesh of rich yellow; fine grained and of the finest quality. Per ¼ lb., 10c.; ½ lb., 15c.; lb., 25c.

Kangaroo. — A very hardy Swede, similar in size and growth to the Elephant; color a bronze green, possessing the heavy cropping features with the grand constitution of the best types of Bronze Green Top Swedes, and is increasing in popularity each year, particularly in those districts where the land lies exposed, and is consequently cold and backward. Extensively grown in the lower provinces of Canada on account of its great hardiness and good keeping qualities. Per ¼ lb., 10c.; ½ lb., 18c.; lb. 30c.

Sutton's Champion Purple Top. — Recommended for size and fine quality. ¼ lb., 10c.; lb., 25c.

Bangholm Purple Top. — ¼ lb., 10c.; lb ., 25c.

Carter's Imperial. — ¼ lb., 10c.; lb., 25c.

Mammoth Clyde, Purple Top. — ¼ lb., 10c.; lb., 25c.

Drummond's Purple Top. — ¼ lb., 10c.; lb., 30c.

Laing's Improved Purple Top. — ¼ lb., 10c.; lb., 25c.

Shamrock Purple Top. — A good cropper, ¼ lb., 10c.; lb., 25c.

Skirving's Improved. — ¼ lb., 10c.; lb., 25c.

Green Top. — ¼ lb., 10c.; lb., 30c.

YELLOW FLESHED TURNIP

May be sown from the first week in July to middle of August, either after it is considered too late for Swedes, or on land of not sufficiently good quality to produce Swedes, or when there is an absence of a supply of manure.

Purple Top Yellow Aberdeen. — Similar in quality to Green Top. ¼ lb., 10c.; ½ lb., 15c.; lb., 25c.

Green Top Yellow Aberdeen. — A hardy and excellent variety. ¼ lb., 10c.; ½ lb., 15c.; lb., 25c.

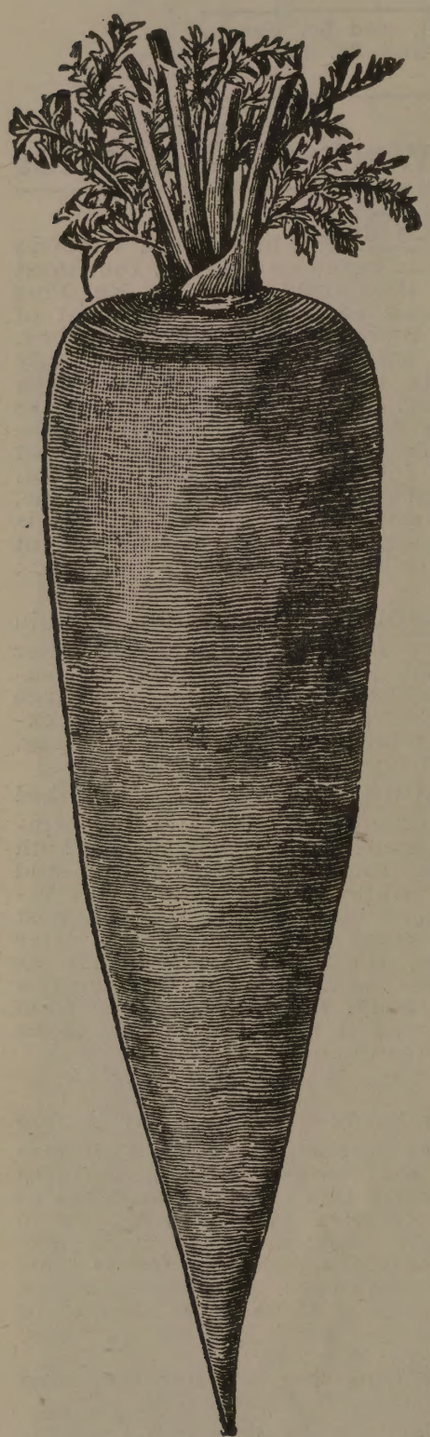
WHITE FLESHED TURNIPS

The varieties embraced in this class may be sown still later than the preceding, say from the middle of July to the end of August.

White Globe. — Grows very large, is early and of fine quality. ¼ lb., 10c.; ½ lb., 15c.; lb., 25c.

Grey Stone. — Grows to an immense size, is early, hardy and of excellent quality. ¼ lb., 10c.; ½ lb., 15c.; lb. 25c.

Large White Flat Norfolk. — Roots large, globe-shaped, slightly flattened and very white. A splendid variety for feeding stock. ¼ lb., 20c.; lb., 45c.



FIELD CARROT

When ordered to be sent by mail, add 5c. per ¼ lb., 10c. per ½ lb., 12c. per lb., and 8c. for each additional lb.

D. & F'S. IMPROVED INTERMEDIATE WHITE CARROT, Emphatically the Carrot for Stock. — One of the very best field carrots because of its enormous productiveness and the ease with which it can be harvested. Roots about fourteen inches in length, smooth, very heavy at the shoulder but tapering regularly to the point; color creamy white with light green crown. Flesh white, solid, crisp and of excellent quality for stock feeding. Per ¼ lb., 30c.; ½ lb., 55c.; lb., $1.00.

Large White Vosges. — The root is large and very thick at the shoulder, much shorter than the White Belgian and thus more easily harvested; skin and flesh pure white; a wonderful cropper and of excellent feeding quality. Per ¼ lb., 30c.; ½ lb., 55c.; lb., $1.00.

White Belgian, (Improved). — A well-known variety, of fine quality; most profitable for field culture. Per ¼ lb., 30c.; ½ lb., 55c.; lb., $1.00.

Giant Green Top White. — An improved white Belgian. Per ¼ lb., 30c.; ½ lb., 55c.; lb., $1.00.

Danvers Half Long Stump. — The heaviest cropping red carrot. Per oz., 15c.; ¼ lb., 30c.; ½ lb., 55.; lb., $1.00.

Please Note—Prices on seeds below are subject to market fluctuations

DWARF ESSEX RAPE

Essex rape makes the best of pasturage for cattle, calves, sheep and swine.

Make the soil very fine, and sow 4 to 5 pounds of seed broad-cast and harrow well in; from 1 to 2 pounds in drills 24 to 30 inches apart. When in drills keep clean at early stages by cultivation. There is danger of bloat in cattle and sheep if turned in on crops when hungry to eat their fill. Per lb., 20c.; in lots of 10 lbs., $1.70.

TEOSINTE (Reana luxurians)

This gigantic Grammea will furnish a continuous daily supply of nutritious green food for horses and all kinds of cattle all through the summer. It also makes splendid dry fodder, yielding enormously, and being more nutritious and better relished by all stock than corn fodder. In appearance it somewhat resembles Indian Corn, but the leaves are much larger and broader, and the stalks contain sweeter sap. It stools out enormously after being cut. Sow in May or June, at the rate of 3 pounds per acre, in drills 4 feet apart. Pkt., 5c.; oz., 15c.; ¼ lb. 30c.; lb., 85c.

WHITE KAFFIR CORN

Makes nutritious food for stock and Poultry. Kaffir Corn in the last few years has been generally sown with the Cow Peas, broadcast at the rate of a peck of Kaffir Corn to a bushel of Cow Peas per acre. The Kaffir Corn helps to hold the Cow Peas up off the ground, thus causes a larger growth of Cow Peas, and both can be cut together, making an enormous yielding crop of most nutritious feed. For a forage crop when sown by itself. Kaffir Corn should be sown broadcast at the rate of from ¾ to 1 bushel per acre. When sown for a forage crop. either by itself or with Cow Peas, the crop should be cut before it is headed out. Lb., 10c.; 10 lbs., 60c.

EARLY AMBER SORGHUM

Furnishes a large yield of most nutritious forage, which can be fed either green or cured, and will yield 2 or 3 cuttings a year, stooling out thicker each time it is cut. It grows 10 to 12 feet high. Sow broadcast for forage at the rate of 1 to 1¾ bus. per acre. When sown in drills sow at the rate of 1 peck per acre in drills 3½ to 4 feet apart. Lb., 10c.; 10 lbs., 85c.; 100 lbs., $7.00.

SUNFLOWER, MAMMOTH RUSSIAN

Highly valued as an excellent and cheap food for fowls. It is the best egg-producing food known. It can be raised cheaper than corn. Four pounds of seed will plant an acre. Lb., 10c.; 10 lbs., 80c.; 100 lbs., $7.00.

HORSE BEANS

The beans are either boiled and fed to horses or ground into meal for cattle, and no grain will produce more beef or milk, while the straw is as good as Timothy hay for horses. Sow in drills — 30 inches apart — 1½ bushels per acre, in well manured clay land or heavy loam, as possible. 10 lbs., 85c.; 100 lbs., $7.50.

Regenerated Strains of Oats

Specially Bred Stock. Grown on New, Clean Land. Big, Strong Seed.

PLEASE NOTE. Prices on seeds below are subject to market fluctuations.

OTHER VARIETIES QUOTED ON APPLICATION.

REGENERATED BANNER OAT

New breeds of oats come and go, but the Banner Oat goes on for ever. It seems to suit some farms, and to do better there than any other oat yet introduced. We find this Regenerated Stock earlier than the ordinary, common, unimproved Banner, which we find it also excels in strength of straw, yield and quality of grain.

This is carefully grown stock seed. Clear as a whistle. Government Germination Test shows 93 per cent. germination. Bushel, $1.15; 10 bushels lot $1.10.

Banner Oat. — Ordinary stock, bushel $1.00; 10 bushels or more, 95c. per bushel.

REGENERATED ABUNDANCE OAT

While we do not consider this oat the equal to Banner, it has been grown by many as a main cropper with considerable success and satisfaction.

It is a very fine appearing Branch Oat, heavy yielder, matures about same time as Banner; stiff straw, very plump kernel, color white.

Our stock of this variety is seed selected from the Parent Seed and scientifically grown in the Canadian West under a process of continuous selection. Having the advantage of being acclimatized it will produce more abundantly than the Parent Stock, and yet be purchased at a nominal price.

1 bushel and under 10 bushels, $1.15 per bushel; 10 bushels or more, $1.10 per bushel.

Abundance. — Ordinary stock, bushel $1.10; 10 bushels or more, $1.05 per bushel.

REGENERATED NEWMARKET OAT

A very heavy cropper. Weighs most per bushel. The finest appearing white oat grown. Next to Banner, we recommend Newmarket as a general purpose Oat, notwithstanding anything to the contrary. Newmarket is as plump, as heavy a yielder, as fine appearing, and its equal in every respect.

It is a strikingly handsome and very branching variety. While the kernels are plump there is not that objectionable thick hull which is so common in many varieties. Straw is stiff, kernels white, heavy and handsome. Our stocks of Newmarket are selected and grown from Pedigreed Seed.

1 bushel and under 10 bushels, $1.15 per bushel; 10 bushels or more, $1.10 per bushel.

New Market. — Ordinary stock, bushel $1.00; 10 bushels or more, 95c. per bushel.

VICTORY WHITE OAT

A new strain of White Oats offered for sale last year for the first time. It is a selection made by Professor Nilsson, of Svalof Experiment Farm, Sweden. It has a plump white kernel and was spoken of by the late Dr. Saunders, of the Central Experiment Farm, Ottawa, as being a very promising variety.

Price: 1 bushel and under 10 bushels, $1.20 per bushel; 10 bushels or more, $1.15 per bushel.

BLACK VICTOR OAT

The demand this past season for Black Victor and the subsequent good reports clearly indicate that farmers, recognizing the immense yielding qualities of Black Oats and high feeding value, are taking it up, with considerable enthusiasm.

Black Oats have for years been given a preference in Europe and England on account of their superior yields, and of late our Yankee neighbors for the same reason have given black Oats considerable prominence by quite general cultivation.

This is unquestionably the best black Oat especially in the point of extreme hardiness.

The equal to white oats in feeding qualities, it has the advantage of stiffer and stronger straw. Nothing less than a cyclone will lodge them.

1 bushel and under 10 bushels, $1.30 per bushel; 10 bushels or over, $1.25 per bushel.

MARQUIS WHEAT

Winner of $1,000 Prize given by Sir Thomas Shaughnessy at the New York Show, for the best wheat grown on the Continents of North and South America.

This splendid variety bred by the late Dr. C. E. Saunders of the Central Experiment Farm, Ottawa is the result of crossing together an Indian Wheat and Red Fife. It has been thoroughly tested out during the past four or five years at the various Experimental Farms in the West and also by quite a number of leading farmers who all report it a **most excellent New Breed, yielding much heavier crops and maturing considerably earlier than ordinary Red Fife.** As to quality, the fact that this New Breed won Sir Thos. Shaughnessy's Trophy at New York, for the best grade of wheat in North and South America, stamps it as pre-eminent in this respect.

Good, plump seed germinating 98 per cent. Samples submitted on application. Per bush., $2.00.

Manitoba Red Fife. — A popular variety. Per bush., $1.80.

Manitoba White. — Per bush., $1.80.

Colorado Red Bearded. — Per bushel, $1.85.

Fall Wheat. — Clawson, Garfield. — Market price.

BARLEY

Sow 2 to 2½ bushels to the acre, broadcast.

Mensury. — The most productive six-rowed variety. It ripens early with strong, stiff straw. Per bushel, $1.20 in 10 bush., lots, $1.15.

Four or six-rowed. — Four or six-rowed Barley will give better results on light or poor soils than will two-rowed. Per bush., $1.20; 10 bush. lot, $1.15.

Duckbill two-rowed. — A variety of merit, succeeding well on most soils. Per bush., $1.45; 10 bush. lot, $1.40.

White Hulless. — Yields well on poor soils, is easily grown, and is an excellent food for hogs, cattle and poultry, making better pork than corn, the straw making good hay. It should be sown a week earlier than ordinary barley and at the rate of 1½ bushels per acre (60 pounds per bushel). Per bush., $2.25.

BUCKWHEAT

Japanese. — The yield of this variety is largely in excess of the old sorts. The straw is heavier and more branching, kernels twice the size of the old kinds, and it ripens a week earlier. The flour from this variety is superior to that obtained from any other sort, except Silver Hull, 1 lb., 20c.; 3 lbs., 50c.; postpaid); peck, 40c.; bush., $1.30.

Silver Hull — The best for flouring purposes. Kernels smaller than Japanese, silvery gray in color. 1 lb.. 15c.; 3 lbs., 40c., (postpaid); peck, 40c.; bush., $1.30.

Common Gray. — Market price.

FIELD PEAS

Golden Vine. — Bush., $2.90.
Prince Albert. — Bush., $2.90.
Canadian Beauty. — Per bush., $3.00.
Black Eyed Marrowfat. — Per bush., $3.00.
White Marrowfat. — Per bush., $3.00.

Peas, Cow. — Each year we find that the demand for Cow Peas increases, as the farmers find that there is great value as a soil enricher also when cut green. It makes excellent hay when cut and cured the same as Clover, then the stubble with the new growth may be turned under as fertilizer. If Kaffir Corn is sown with the Cow Peas it holds the vines off the ground causing a better growth. The plant is a legume and through the agency of nitrogen produces bacteria on its roots, adding to the growth and full plants.

Whip-Poor-Will. — Light brown, speckled dark brown. Per lb., 10c.; 10 lbs., 85c.; 100 lbs., $7.50.

VETCHES

Sand, Winter or Hairy, (Vicia villosa). — A very hardy forage plant growing well on soils so poor and sandy that they will produce but little clover. Its nitrogen gathering properties make it particularly valuable as a soil renewer and enricher but it is not recommended for land which is to be cultivated for grain crops on account of its tendency to volunteer and persist. The plants, when matured, are about forty inches high and if cut for forage as soon as full grown and before setting seed, they will start up again and furnish even a larger crop than the first. Seed round, black and should be sown one to one and one-half bushels per acre. Lb., 20c.; 10 lbs. lot, $1.75.

Common Vetches or Black Tares. — A perennial pea-like plant grown as an annual. Desirable as a foliage plant and valuable as a cover-crop for orchards. Culture same as for field peas. Sow two bushels per acre. Per bush., $3.50.

RYE

Spring. — Per bush., $1.75.
Fall. — Per bush., $1.60.

FLAX

When grown for seed, sow 1 bushel per acre; if fibre is wanted, sow at the rate of 2 to 3 bushels. The soil should be well cultivated. Lb., 8c.; 100 lbs., $4.50.

MILLET

Japanese Barnyard. — This is best of all the millets, growing fodder of finest quality. For feeding green, it may be cut from day to day as needed until the seed begins to ripen. During this period it is much relished by stock, cattle especially consume it without waste before touching green fodder corn, and cows fed on it invariably increase in milk. Sow 15 lbs. of seed per acre if broad-casted, or if in drills, 12 to 18 inches apart, use 10 to 12 lbs. per acre. Price, lb., 10c.; 10 lbs., 80c.; 100 lbs., $7.50.

Common Millet.—Very early; height, two to three feet. Market price, 10 lbs., 50c.; 100 lbs., $4.50.

German or Golden Millet. — Medium early; height from three to five feet; heads closely condensed, spikes, very numerous; seeds round, golden yellow, in rough bristly sheaths. Per 10 lbs., 55c.; 100 lbs., $4.75.

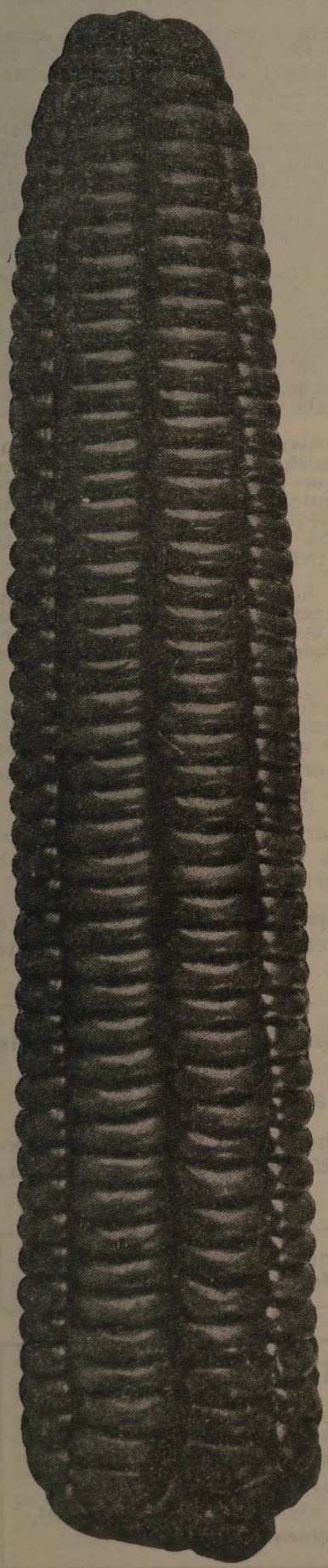
Hungarian Grass Millet. — Early; height two to three feet; abundant foliage and slender head; withstands drought and yields well on light soils. Per 10 lbs., 45c.; 100 lbs., $4.00.

PLEASE NOTE. — Prices quoted on above seeds are subject to market fluctuations.

CORN FOR ENSILAGE

Please Note—Prices on seeds below are subject to market fluctuations

All our Field Corn Seed is well matured, thoroughly cured, and shelled with the greatest care, so that the germ shall not be injured. We test all varieties before sending the seed to our customers, that there may be no doubt as to the perfect vitality.



Early Northern.

DENT VARIETIES

Improved Early Leaming. — A very early tall growing variety, produces well on light or heavy soils. Pedigree seed. Per bushel, $1.65; peck, 45c.

Clark's Early Mastodon. — This is the largest eared early corn and produces a heavy crop. Per bush., $1.75; peck, 45c.

New White Cap Yellow. — Matures three weeks earlier than Red Cob, grows heavy stalks, the lower leaves keeping long green, and while the ears are as long as any of the Dent Varieties, they are numerous and much fuller at the points. Per bush., $1.65; peck, 45c.

Champion White Pearl. — This variety has given very great satisfaction. It is a medium early White Dent Variety, of branching habit and profuse foliage and produces large sized ears. Per bush., $1.75; peck, 45c.

Selected Red Cob. — Per bush., $1.55.

FLINT VARIETIES

EARLY NORTHERN (Quebec grown). — The earliest white flint corn in existence. Early Northern can be grown and ripened where early frost are expected, or where the season is short. It is of medium size, white dent with deep, oily grains; medium cob, very solid and well filled. It produces strong vigorous stalks, medium height. It permits of close planting and will outyield any variety of flint corn. It fills a long felt want of all farmers. Per bushel, $2.75; peck, 75c.

King Philip. — An early Red Flint, valuable for the North. A sure cropper on poor land: ears 8-rowed and from 9 to 12 inches long. One of the best and most reliable sorts. Bushel, $2.00.

Canada Yellow Flint. — A standard variety. Bushel, $2.00.

Early Compton. — One of the earliest varieties of Yellow Flint Corn. 8 feet. Per bushel, $2.10; peck, 55c.

Early Longfellow. — Another early variety of Yellow Flint Corn; generally considered to be one of the best of the very early varieties, either for ensilage or rip corn. 8 feet. Per bushel, $2.00; peck, 55c.

Salzer's North Dakota. — A heavy cropper, has large ears and is sure to ripen sufficiently for silo. Per bushel, $2.00; peck, 55c.

SUGAR CORN

Evergreen. — Is a heavy cropper and is undoubtedly more nutritious than other sorts. 9½ feet. Per lb., 10c.; 100 lbs., $6.00.

D.& F's Recleaned Clover Seeds

Prices subject to changes.

D. & F'S. ALFALFA, The Supreme Leader of All the Clovers. — No crop ever grown has had such a conspicuous place in increasing the profit from agriculture as Alfalfa. The U. S. Dept. of Agriculture is authority for the statement that Alfalfa at two years adds $100 to the value of every acre on which it grows. Its long fibrous roots working their way far down into the soil liberate, after the hay is cut, an immense volume of plant foods to be drawn on for years to come by future crops. It can be cut 3 to 5 times a year and produces from 5 to 6 tons of hay per acre. As a feed for cattle, swine poultry or stock of any kind, owing to its large percentage of protein, it is unsurpassed. Alfalfa requires a well prepared seed bed, well drained, well limed land, with plenty of humous supplied by the generous use of well rotted manure. Sow 20 pounds per acre in May or June. Per lb., 25c.; 10 lbs., 90c.

Early Red Clover Medium, (Trifolium Pratense). Per 10 lbs., $2.45; 100 lbs., $23.50.

Red Mammoth, Late Clover (English Cow Grass). Per 10 lbs., $2.35; 100 lbs., $22.50.

ALSIKE CLOVER, (Trifolium Hybridum). Per 10 lbs., $2.25; 100 lbs., $22.50.

Crimson or Scarlet Clover, (Trifolium Incarnatum). Excellent for a cover crop in Orchard, or for Plowing under to improve poor soils. Per 10 lbs., $1.80; 100 lbs., $17.00.

Bokhara Clover, (Melilotus Alba). Per lb., 30c.; 10 lbs., $2.50; 100 lbs., $20.00.

White Clover, (Trifolium Repens). Per lb., 55c.; 10 lbs., $5.00.

GRASSES

When ordered to be sent by post. Add 5c per ¼ lb., 10c per ½ lb., 12c per lb. and 8c per each additional lb.

Orchard. (Dactylis glomerata). This is one of the most desirable pasturage grasses for stock and also for producing large crops of hay. It succeeds well in quite shady places, hence the name of "Orchard Grass." Choicest recleaned seed, 14 lbs. to the bushel; 3 bushels to the acre. Per lb., 25c.

Fancy Cleaned Kentucky Blue Grass. (Poa Pratensis). This is pre-eminently a pasture grass forming a fine close sward. It thrives best in dry well drained or limestone soils. 14 lbs. to the bus.; 2½ bushels to the acre. Per lb., 25c.

Red Top. (Agrostis Vulgaris). — A valuable native permanent grass, growing in almost any soil, wet or dry Sow two bushels to the acre; weight per bushel, 14 lbs. Per lb., 40c.

English Rye Grass. (Lolium Perenne). — One of the staple grasses of Great Britain, entering largely into the composition of most of the richest meadows and pastures. Sow 3 bushels to the acre; weight per bushel, 22 lbs. Per lb., 20c.

Westerwold Italian Rye Grass (Lolium Italicum Westerwoldicum). — An extremely rapid growing new annual for spring and summer sowing. As a forage and pasture grass it thrives on almost any soil but does best on heavy loam, clay or land of a somewhat damp character. It is lighter in color and coarser in leaf than Perennial Rye but is very much stronger growing. After cutting it is the quickest grass to start again, making a new growth more rapidly than any other sort with which we are acquainted. Very desirable for planting under trees. Lb., 30c. postpaid; for larger lots inquire for prices

Crested Dogstail. (Cynosurus cristatus). — A valuable addition for lawn grasses which require close cutting and an ability to resist tramping, as in golf links, etc. About 21 lbs. to the bushel; 2½ bushels to the acre. Per lb., 45c.

Festuca Heterophylla (Various-leaved Fescue).—A very early, hardy perennial, 2 to 3 feet high, thriving best in cold, moist soils that are rich in humus and potash. In such soils it yields heavily, and is valuable in grass mixtures for permanent meadows either for mowing or grazing. Its great production of root-leaves makes it an excellent bottom grass. Its nutritive value is said to be very high. It grows very well in the shade, and is highly recommended for shaded lawns in mixture with other grasses. Per lb., 60c.

Hard Fescue. (Festuca duriuscula). — An excellent pasturage or lawn grass, succeeding well in dry or shady locations. About 12 lbs. to the bushel; 2½ bushels to the acre. Per lb., 40c.

Sheep Fescue. (Festuca Ovina). — Slender blades growing in close compact clumps and from six to ten inches in height. About 12 lbs. to the bushel; 2½ bushels to the acre. Per lb., 40c.

Meadow Fescue. (Festuca pratensis). — An excellent pasture grass, the tender blades being relished by cattle. About 22 lbs. to the bushel; 2 bushels to the acre. Per lb., 40c.

Creeping Bent. (Agrostis stolonifera). — A very hardy grass, especially adapted to moist lands and those which are occasionally overflowed. Its peculiar habit of branching underneath the surface enables it to resist to the greatest extent tramping and pasturage. About 20 lbs. to the bushel; 2 bushels to the acre. Per lb., 60c.

Canadian Blue Grass. (Poa Compressa). — One of the best grasses for lawns. Per lb., 20c.

Tall Meadow Oat. (Avena elatior). — A very valuable pasture grass on account of its early and luxuriant growth. It is especially adapted for rather dry light soils. About 10 lbs. to the bushel; 4 to 5 bushels to the acre. Per lb., 40c.

Hungarian Brome or Awnless Brome. (Bromus inermis). — Makes quick strong growth providing splendid pasturage or hay. It sprouts out into fresh growth very quickly after being mown and we think it is the ideal grass for hot dry regions and thin soils. 14 lbs. to the bushel; about 35 to 40 lbs. to the acre. Per lb., 20c.

Wood Meadow. (Poa nemoralis). — An excellent pasture or lawn grass, desirable for planting under trees on the lawn or in damp shady corners, 14 lbs. to the bushel; 2 bushels to the acre. Per lb., 60c.

Meadow Foxtail. (Alopecuris pratensis). — Closely resembles Timothy in growth but has a soft feathery head. It is a valuable pasture grass by reason of its rapid growth. About 7 lbs. to the bushel; 3 bushels to the acre. Per lb., 75c.

Rhode Island Bent. (Agrostis canina).—An excellent lawn grass; mostly used in combination with other fine bladed sorts. Per lb., 60c.

Timothy, or Herd Grass. (Phileum Pratensis).—We offer a particularly choice sample, 45 lbs. to the bushel. 10 lbs., $1.45; 100 lbs., $13.50.

Permanent Grasses and Clover Seeds for Laying Down Land to Pasture

In ordering state whether for highlands or lowlands. Full seeding, 25 lbs. to the acre. Per lb., 25c.

Special Quotations given on Application for large Quantities.

LAND SALT

Our land salt being a by-product containing a slight percentage of potash and nitrates makes it far superior to common salt for agricultural purposes and cheaper. Barrels Weighing about 325 lbs. Market price. Kill your Weed with Salt.

FERGUSON'S EVERGREEN LAWN GRASS

This is really the cheapest, cleanest and heaviest mixture of Lawn Grass Seed ever offered. Containing only the grasses best suited to our climate. No weedy Seeds. We annually furnish seed for the Parks of Montreal and to some of the largest estates in this country. Per lb., 35c.; 10 lbs., $3.00. Special quotation for large quantities. **Special mixture per 100 lbs., $25.00.**

FERGUSON'S SHADY PLACE GRASS

This is a mixture of extra fine grasses adapted for growing in the shade and under the trees. We recommend the use of this mixture wherever other grasses have failed to make a close sward. Per lb., 45c. **Special quotation for large quantities.**

FERGUSON'S "GOLF LINKS" MIXTURE

We have supplied several Clubs with this Mixture, which is the result of a careful study of the requirements for making beautiful Golf Links, Tennis Courts, Cricket Tables, Polo Grounds, and we do not hesitate to say that it has given entire satisfaction. Per lb., 35c. **Special quotation for large quantities.**

FERGUSON'S "PUTTING GREEN" MIXTURE

The very finest low growing Grasses are contained in this Mixture, and very hardy. This Mixture will produce a beautiful and lasting green turf wherever used, calculated to withstand hard tear and wear. Per lb. 35c. **Special quotation for large quantities.**

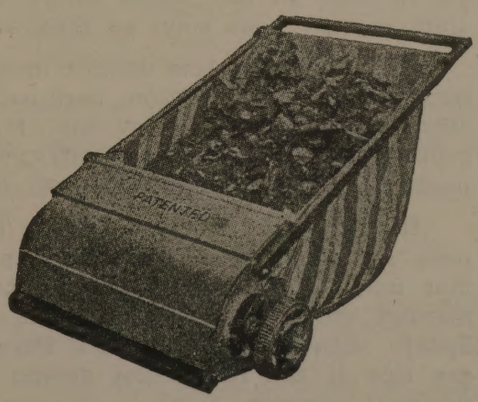
FERGUSON'S "TERRACE MIXTURE"

A mixture of strong deep-rooted Grasses for "banks" or "terraces". Although the Grasses are strong and deep-rooted, they will produce a fine green velvety appearance, and also prevent washing away during heavy rains. Per lb., 40c. **Special quotation for large quantities.**

WHITE DUTCH CLOVER FOR LAWNS

The finest grade of seed. Lb., 55c.; 5 lbs., $2.60; 10 lbs., $5.00.

Pennsylvania Lawn Cleaner and Rake



This machine will remove from the lawn not only the cut grass but all sorts of litter, leaves and trash, leaving the grass standing upright and free from foreign matter that prevents the sunlight and dew from getting to the roots. The action of the three revolving 24-inch wire tooth rakes is beneficial to the turf, for it raises up the low growing crab grass and other spreading weeds, allowing the lawn mower to cut the seed pods off before they ripen, thus preventing their reappearing the following year. This machine is easy to operate, and with it one boy will do more and better work than four men with hand rakes. Most perfect device of its kind on the market.

Price, 24 inches wide.. .. .. $20.00
Price, 36 inches wide.. .. .. 30.00
Guaranteed satisfactory or money returned.

Hints to Sowing Annuals

Strictly speaking "annuals" are plants which live but for one season, for general purposes however many other plants usually grown from seeds sown each year are placed under the same heading, being classed as hardy, half-hardy, and tender annuals. While annuals are valuable to all who have outside planting to do, to the amateur gardener they are absolutely indispensable. Being almost endless in variety, moderate in price, and easily grown from seeds, they will, if a judicious selection is made, give a gorgeous display of flowers in the garden, from early summer till late in the fall.

The usual season for sowing Annuals is from 1st of March to the first week of June. On account of the shortness of the season, it is advisable to sow a good many varieties as early in the season as possible, including Pansies, Phlox Drummondi, Verbenas, Petunias, Stocks, Dianthus, and others of a comparatively slow growing character. Failing a greenhouse, for this purpose there is nothing to beat a good hot-bed. Or if it is out of the question very good success can be had by sowing them in the house, in boxes filled with light sandy soil, giving all the light and air possible until such time as they can be placed out in the open air.

Almost any kind of light soil will do for sowing annuals, and as the majority of them germinate freely, the seed should not be sown too thick. Neither should the plants in the beds or boxes be allowed to get over crowded; it is better to pull some of them out and throw them away, unless all are required; in which case they may be transplanted into other beds or boxes. As to the right depth to sow, the sower must be guided by the size of the seed. The smaller the seeds the less covering they will require. All plants raised under any form of shelter must be thoroughly hardened, by being exposed to the sun and air for at least several days before they are transferred to the open ground.

The proper time for planting varies with the season, but they should never be put out too early. There is a popular notion, amounting almost to a superstition with some people, that if summer flowering plants are not set out by May 24th, it is useless to plant them at all. There never was a greater fallacy. Most of the failures in tender crops might be traced to too early sowing or planting. In nine seasons out of every ten, plants set out the first week in June will give far better results than those planted a week or ten days earlier.

If annuals are to be sown in the open ground, no time should be lost in getting in the seeds, once the soil is warm enough to receive them. Among the varieties which do best sown this way are Sweet Peas, Portulaca, tall and dwarf Nasturtiums, Convolvulus, Alyssum, Candytuft, Mignonette, and any other which from their nature are difficult to transplant successfully. These should all be sown in the places where they are to remain to flower, thinning the plants to the required distance apart, as soon as they are large enough to handle.

Annuals as a class delight in an open, well enriched soil. Still no one need be deterred from attempting their cultivation, because he fancies his soil will fail to meet their exact requirements. Many varieties will grow and flower under the most adverse conditions, and many a plot of ground both in town and country, which up to the present has grown little else but weeds, might be made beautiful with this class of plants for a trifling amount of labour and expense.

Biennials and Perennials may be sown at the same time as Annuals of the same degree of hardness and treated similarly, except such of the hardy kinds as do not bloom the first year. These last may be thinned out or removed from the seed beds as soon as they are well rooted and planted either in different parts of the garden, or into a nursery bed in rows a foot or more apart. Some Biennials and Perennials may be sown in July and August or as soon as the seeds are ripe if the plants get strong enough before the setting in of winter, most of them will flower the next summer.

D. & F's. High Grade Flower Seeds

We Prepay Postage on all Flower Seeds in this list to any address in Canada.

In presenting this list of **Flower Seeds** for your attention, every care has been taken to secure seeds from sources of supply known to us, from our experiences and from tests, to be of the highest possible merit. Our Flower Seeds are selected with an idea of superiority of strain and we handle only the highest possible types in each respective class.

ABRONIA

1. **Umbellata.** — The Abronias are trailing plants with prostrate branches, bearing clusters of sweet, scented flowers, very much like Verbenas. The seed should be started under glass, first removing the husky covering. Annual. Rosy lilac with white eye. Pkt., 5c.

ABUTILON

2. Flowering Maple. Elegant flowering half hardy shrubs of strong growth and easy cultivation, suitable for house in winter and garden in summer. Sown any time before April, in a temperature of 60 degrees, they will produce fine flowering plants the first season. Of choice varieties and colors. Per pkt., 10c.

ACACIA

3. Elegant half-hardy shrubs, having fine ornamental foliage, and beautiful clusters of various shades of yellow globular flowers. Soak the seed in warm water before sowing. Fine varieties mixed 6 to 10 feet. Pkt., 10c.

ACHILLEA

4. **Ptarmica,** "The Pearl."—One of the best hardy white perennials, bears a profusion of small, double, white flowers during the entire season. Fine for cutting. Height, 2½ feet. Pkt., 10c.; ⅛ oz., $2.00.

ACONITUM

Hardy perennials. Showy spikes of hood shaped flowers, 4 feet. June to September.

5. **Wilsoni.** — This recent introduction from China, with large pale-blue trusses, is the latest-flowering of all the Monk's-Hoods. It attains a height of about 4 feet. After the terminal flower truss is over, lateral shoots are produced which continue flowering until late in the season. Pkt., 20c.
6. **Napellus.** — Blue. Pkt., 10c.
7. **Albus.** — White. Pkt., 10c.

Ageratum.

Alyssum, Little Dorrit. See page 50.

8. **Lycoctonum.**—Yellow variety from Siberia, very hardy. Pkt., 25c.
9. **All colors mixed.** Pkt.. 10c.

ADONIS

10. **Aestivalis.** (Flos. Adonis). — Handsome plants, with showy flowers, and of easy culture in any soil. Seed should be sown early. Annuals. Scarlet. 1 foot. Pkt., 5c.

ACROCLINIUM

One of the most beautiful and valuable everlasting flowers and grown extensively for winter bouquets. Sow in hot beds and transplant. Annuals.

11. **Single mixed.** — Pkt., 5c.
12. **Double mixed.** — Pkt., 5c.

AGERATUM

Half-hardy annuals especially well adapted to edge large beds of Geraniums, Salvia, Coleus or Cannas. Flower continuously throughout the summer. The seed should be sown in hot-bed or light window.

13. **Little Blue Star.** — Exceedingly dwarf and pretty; plants densely covered with bright blue flowers; height, 5 inches. Pkt., 15c.
14. **Blue Perfection.** — This is the darkest colored of all large flowering Ageratums. Color deep amethyst-blue, compact growth, fine bedder. Pkt., 10c.
15. **Little Dorrit,** a mass of azure blue flowers, six inches high and one foot through. Pkt., 10c.
16. **Little Dorrit, White,** same as above, except in color of flower. Per pkt., 10c.
17. **Lasseauxii,** compact plant, flowers pink, 18 inches. Per pkt., 10c.

AGROSTEMMA

18. **Coeli Rosa.** (Rose of Heaven).—Free blooming and attractive plants, with velvety foliage and pretty rose flowers, 8 inches. Hardy annual. Per pkt., 5c.
19. **Coronaria.** (Rose Campion). — Free blooming and pretty. Hardy perennial. Pkt., 5c.

ALYSSUM

One of the most popular hardy annuals, used especially for edging and also valuable for cutting on account of the fragrance of flowers.

20. **Little Dorrit.** — A grand improvement on the already much grown variety, "Little Gem," being much more compact. This new variety forms a perfect little bush with miniature white rocket flowers. A perfect gem for borders or beds. Pkt., 15c.; oz., 70c.
21. **Maritimum,** (Sweet). — Flowers small and sweet. Per pkt., 5c.; oz., 30c.
22. **Little Gem.** — A dwarf, compact variety, not over six inches high, bearing its pure white fragrant flowers, in the greatest profusion during the entire summer. Per pkt., 10c.; oz., 50c.
23. **Saxatile Compactum.** — Hardy perennial ten inches high, compact habit, golden-yellow flowers. The popular name is Gold Dust. Per pkt., 10c.

AMARANTHUS

These are plants which are striking on account of their foliage or peculiar mode of bloom. In rich ground the plants and leaves are of large size, but the coloring is apt to be less bright. The seed should be sown in the house or in a hot-bed.

24. **Cruentus,** (Prince's Feather). — Per pkt., 5c.
25. **Caudatus,** (Love Lies Bleeding). — Blood-red, and of drooping habit 3 ft. Pkt., 5c.
26. **Salicifolius.** — Of pyramidal drooping habit, branching close to the ground. Pkt., 5c.
27. **Sunrise.** — Bronzy crimson foliage, shading off to brilliant scarlet leaves on top of the stalk, the lower leaves having a scarlet band through the centre. Pkt., 5c.
28. **Tricolor Splendens.** — An improvement on the old sort, of more brilliant coloring. Per pkt., 5c.
29. **Mixed Colours.** — Pkt., 5c.

ANCHUSA

30. **Dropmore Variety.** — New, The bright blue, forget-me-not-like flowers are borne on graceful stems during the entire season until late in the fall. It is a great improvement on the existing varieties. 4 to 5 ft. Pkt., 15c.
31. **Barrelieri.** — Hardy perennial, Flowers deep blue with a white tube and pink throat, borne on spikes 2 feet high, good for cutting. June to October. Pkt., 10c.
32. **Italica.** — Hardy perennial. Deep blue, 3 feet. June to September. Pkt., 5c.

ANEMONE

A very pleasing hardy perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets.

33. **St. Brigid,** (Irish Anemone). — A really beautiful strain of Anemone. Enormous blooms the size of tulips, in a great variety of striking colors.

As pot plants for winter-flowering. — They are superb. Sown in June and potted on, they will produce fine specimen plants for Christmas-time. Pkt., 15c.

34. **Coronaria.** Mixed colors. (Poppy Anemone). Pkt., 5c.
35. **Fulgens,** (Scarlet Windflower). — Single Scarlet. Pkt., 15c.
36. **Japonica Alba,** (Japanese Windflower). — Pure white; flowering in late summer and autumn. Pkt., 15c.

AMMOBIUM

37. **Alatum Grandiflorum.** — Hardy annual. Ever lasting immortelle. The plant grows 3 ft. high, very erect, broadly winged leaves and branches. Flowers pure white. 1 inch across. July to October. Pkt., 10c.

AMPELOPSIS

38. **Veitchii, (Boston Ivy).** — A species of the ivy from Japan, which is perfectly hardy. The leaves are small, and at first of an olive-green color, changing to bright scarlet in the autumn. Hardy perennial climber. Per pkt., 10c.

The Antirrhinums offered on page 4 represent the highest development in this flower to date.

Giant Antirrhinum.

ANTIRRHINUM (Snapdragon)

One of the finest flowers for cutting in existence, bearing long spikes of gorgeously colored flowers. It is also grown extensively under glass in the Winter. Seed sown in the house or hot-bed during February or March will flower in July and continue until frost.

40. **Giant Varieties.** — Mixed. Pkt., 10c.
41. **Giant Delicate Pink.** — Pkt., 10c.
42. **Giant White.** — Pkt., 10c.
43. **Giant Scarlet.** — Pkt., 10c.
44. **Giant Yellow.** — Pkt., 10c.

SEMI-DWARF VARIETIES.

45. **Daphne** (New). — "Deeprose with white throat and lip, very showy." Pkt., 10c.
46. **Choicest Mixed.** — From over 30 varieties. Pkt., 10c.
47. **Queen of the North.** — Grows 1½ feet, and covered with large white flowers. Pkt., 10c.
48. **Golden Queen.** — Very large flower, rich golden yellow. Pkt., 10c.
49. **Crimson King (New).** — Bright crimson. Pkt., 10c.

VERY DWARF VARIETIES.

51. **Choice Mixed.** — Very select. Pkt., 10c.
52. **Snowflake.** — Splendid pure white. Pkt., 10c.
53. **Scarlet.** — Pkt., 10c.
54. **Pink.** — Pkt., 10c.
55. **Yellow.** — Pkt., 10c.

ARCTOTIS

56. **Grandis.** — Hardy annual from South Africa. Large lilac daisy-like flowers, appear in great abundance from June till frost. As a cut flower it is especially valuable, the blooms lasting a week or ten days in water, and if undeveloped buds are cut and placed in a sunny window, every one will open and produce as fine flowers as though left on the plant. Height, 2½ feet. Pkt., 15c.

ASTERS

One of the most popular hardy annuals grown. The following list comprises the best varieties for commercial and private use; our seed being grown by expert growers.

New Varieties

The Asters offered on pages 3 represent the highest development in this flower to date.

D & F's Superb Mixed

59. The mixture comprises the finest varieties of large-flowered Asters, including Victoria, Giant Comet, Vick's Branching, Peony-flowered, Jewel, Ostrich Feather, Washingto . King Asters, Imperial and others, and the best colors of these. This combination enables the purchaser to get in a single packet a choice and varied selection of the most splendid Asters in cultivation· Oz., $4.00; ⅛ oz., 60c.; pkt., 10c.

Giant Crego Asters

A flower of the Giant Comet type, often measuring from 4 to 5 inches in diameter and resembling large chrysanthemums. They are of strong growth, attaining a height of three feet.

60. **Crego White.** — This is one of the best Late White Asters. Pkt., 15 cts.
61. **Crego Shell Pink.**—A beautiful shade of light pink. Pkt., 15 cts.
62. **Crego Rose Pink** — Flower very large and of fine form. Pkt., 15 cts.
63. **Crego Purple.** — A charming colour. Pkt. 15 cts.
64. **Crego Mixed.**—Pkt., 10 cts.

Late Branching Aster.

KING ASTERS

68. **Violet King.** — This handsome Aster must be seen to be appreciated; of branching habit, the flowers are borne on long stiff stems. The flower petals resemble the quilled varieties, but are much larger and broader. The bloom is round, full and very large, measuring from 4 to 5 inches in diameter. Color is a soft violet-lilac. Pkt. 15c.

69. **White King.** — Large pure white, fully centered flowers of the same type as "Violet King." The plants yield on an average from 6 to 12 marketable flowers with stems 14 to 20 inches long. Pkt., 20c.

70. **Rose King.** — A mate to the well-known and so justly popular "Violet King," resembling same in every point except in color, which is a particularly pleasing shade of bright rose. Pkt., 20c.

71. Crimson King. — A splendid upright growing sort, producing very large, well-formed, dark crimson flowers. Its brilliancy of color and erect, tall-growing habit tend to make it one of the most showy varieties for garden culture. Pkt., 20c.

IMPERIAL ASTERS

DAYBREAK TYPE.

The most Popular and Best Known Medium Early Asters Ever Grown.

Vick's Daybreak, introduced in 1897, and Vick's Purity introduced in 1899, are now the best known and most widely used of all midseason Asters. We believe that the various other colors will prove equally popular when they are as well known.

74. **Giant Purity** (White Daybreak). — Very free flowering; plants are literally one mass of snow white flowers. Pkt., 10c.

75. **Pink Daybreak.** — Flowers large, double and of a delicate pink. Pkt., 10c.

76. **Lavender Daybreak.** — Large flowers of a beautiful shade of lavender. Pkt., 10c.

77. **Lemon Drop** (Yellow Daybreak). — Flowers perfect and symmetrical in form, and of a decided yellow color. Pkt., 10c.

78. **Salmon King** (Salmon Daybreak). — A splendid addition to the Daybreak class; the color is not only novel, but of a very pleasing shade. Pkt., 10c.

79. **Rosy Morn** (Rose Daybreak). — The flowers are of a handsome shade of rose. We consider it one of the best of the Daybreak type. Pkt., 10c.

81. **Blue Bird.** — This novelty somewhat resembles Daybreak and Purity in habit of growth, size of flower and height. Color a fine shade of light blue; flowers reflexed. A fine bedding Aster, but is also equally adapted for pot culture. Pkt., 10c.

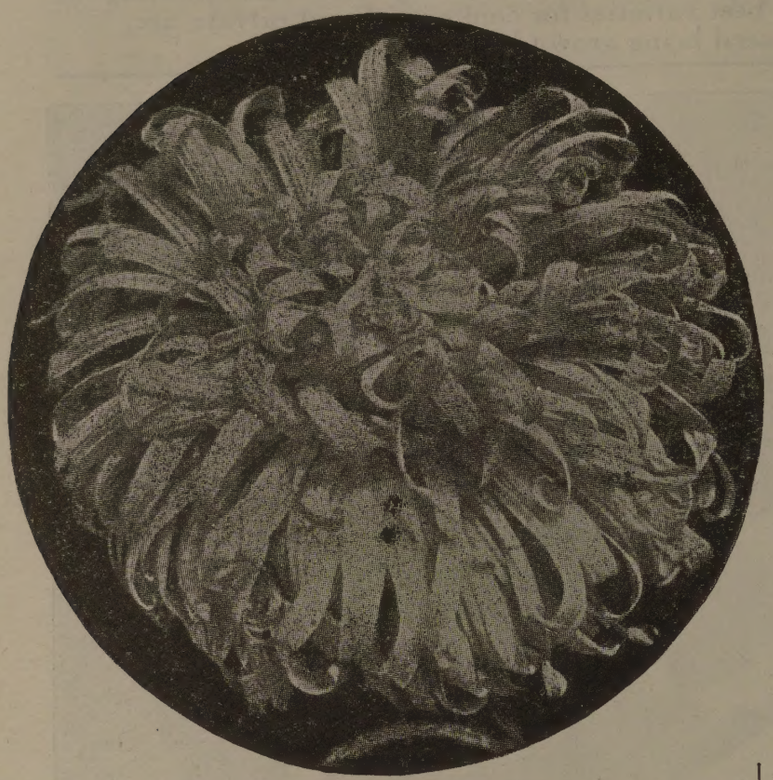
Vicks Late Branching Asters

This vigorous type forms broad, handsome bushes, covered with large, long-stemmed and long-petaled flowers that are graceful and feathery in effect.

	Pkt.		Pkt.
85. Pure White .	$0.10	89. Pink	$0.10
86. Rose	.10	91. Lavender . .	.10
87. Purple	.10	92. Crimson . . .	.10
88. Violet	.10	94. Mixed	.10

The collection of 8 varieties for 60c.

ASTERS—Continued.



Crego's Giant Comet Aster.

Early Wonder White

95. One of the earliest Asters in cultivation, being several days earlier than Queen of the Market; pure white flowers and double the size; after the style of Giant Comet. Pkt., 10c.
96. **Pink Wonder.**—Flowers delicate pink, a worthy companion to the above. Pkt., 10c.

New Early-Branching

A distinct advance in the branching class, coming into bloom about two weeks earlier than the Semple's or Late Branching; the plants are of vigorous growth; flowers; large and double, and produced on long stems.

97. Vicks Early Branching Rose. Pkt., 10c.
98. Vicks Early Branching White, Pkt., 10c.
99. Vicks Early Branching Crimson. Pkt., 10c.
100. Vicks Early Branching Lavender. Pkt., 10c.

Hohenzollern

One of the very largest flowering varieties yet introduced and will become a favorite standard type. Similar in form to the Giant Comet Aster; 2 feet.

	Pkt.		Pkt.
101. Crimson	$0.10	104. White	$0.10
102. Rose	.10	105. Finest Mixed	.10
103. Azure Blue	.10		

Giant Comet

The flowers of this variety are very large and perfectly double. The plants are taller in growth, about 20 to 24 inches higher than those of the other Comet Aster.

	Pkt.		Pkt.
107. Crimson	$0.10	111. Scarlet	$0.10
108. Dark Blue	.10	112. White	.10
109. Light Blue	.10	113. Yellow	.10
110. Rose	.10	114. Mixed	.10

Collection of 12 varieties for $1.00.

Truffaut's Peony Perfection

Handsome Aster grows stiffly erect and about 18 inches tall. The class is remarkable for the brilliant colors of its incurved flowers.

	Pkt.		Pkt.
116. Snow-White	$0.10	120. Scarlet	$0.10
117. Apple Blossom	.10	121. Amethyst	.10
118. Crimson	.10	122. Light Blue	.10
119. Rose	.10	123. Mixed	.10

Collection of 12 varieties, $1.00.

Queen of the Market

An early flowering double aster of good size.

	Pkt.		Pkt.
124. White	$0.10	130. Dark Blue	$0.10
125. Crimson	.10	131. Light Blue	.10
126. Pink	.10	132. Scarlet	.10
127. Rose	.10	133. Mixed	.10

134. **Ostrich Feather.** — This new class of aster resembles more the Japanese Chrysanthemum. It has long curved fringelike petals, giving a feathery appearance. Choicest mixed. Pkt., 10c.

135. **Mary Semple.** — A beautiful variety of the Branching Aster. The flowers are very large and the color is an exquisite shade of bright pink, very much the color of Enchantress Carnation. Stems long and stiff. Pkt., 10c.

136. **Cardinal.** — The color is, as its name implies, a beautiful shade of cardinal. The growth is similar to the Branching Asters, but somewhat dwarfer. Pkt., 15c.

137. **Snowdrift.** — The earliest white Aster in cultivation. The long recurved petals give the flowers an exceedingly graceful effect. Pkt., 10c.

138. **Lavender Gem.** — One of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely-arranged flowers on long wiry stems of the most charming shade of lavender imaginable. Per pkt., 15c.

139. **Tall Chrysanthemum.** — Mixed colors. Per pkt., 10c.

140. **Washington.** — This splendid variety is the largest Aster grown, bearing flowers 5 to 6 inches in diameter; very double. Mixed colors. Per pkt., 10c.

141. **Victoria Improved.** — Plants grow strong and robust, bearing flowers of enormous size, very double, showy and massive, with recurved petals. Choicest mixed. Pkt., 10c.

Dwarf Varieties

142. **Dwarf Chrysanthemum Flowered.** — A large flowering Dwarf Aster, very double. 1 foot. Excellent for ribbon borders, beds or pots. Mixed colours. Per pkt., 10c.

143. **Dwarf Bouquet.** — Round, bushy plants, covered with medium-sized, very double flowers; fine for edgings and for pot culture; 1 foot. Choice Mixed. Per pkt., 10c.

144. **Triumph.** — A dwarf-growing Peony-flowered Aster; flowers perfectly double, of faultless form and of the deepest, richest scarlet. Per pkt., 10c.

145. **Snowball, or White Princess.** — A beautiful variety, growing about one foot in height and producing quite a profusion of handsomely imbricated white flowers. Per pkt., 10c.

Single Aster

146. **"Elegance"** (New). — Of compact pyramidal habit, the plants bear many long-stemmed single flowers with small disc and very long wavy petals. Useful both for the garden and for cutting. The best single aster yet raised. Can be supplied in 4 colours: **White, lavender Blue, dark Blue and Rose.** Each per pkt., 20c. Mixed per pkt., 15c.

Perennial Asters

147. (Starworts or Michaelmas Daisies). — Single-flowering hardy, herbaceous plants, thriving in any good garden soil. If sown early in the Spring, they will flower the first season. Mixed colours. Pkt., 10c.

Aquilegia.

AQUILEGIA (Columbine)

The well known Columbine or Wild Honeysuckle. Thrives well with ordinary garden culture, but is quite at home under the spray of a fountain or by the water side. The plants form large clumps from one to two feet in diameter, and produce a large number of flowers. Flowers early in spring. Seeds may be sown in open ground. Perennial. Pkt. 20c.

D. & F's. Long-Spurred Hybrids. — See page 4.

151. **Chrysantha.** — A beautiful, large flowered, canary yellow variety. Excellent, 3 feet. Per pkt., 10c.
152. **Coerulea.** — Flowers large, sky-blue and white. Pkt., 10c.
153. **Californica Hybrida.** — Large yellow flowers, dark orange spurs, one of the best. Per pkt., 10c.
154. **Nivea Grandiflora.** — White, semi-double. Per pkt., 10c.
155. **Double Mixed.** — Pkt., 5c.

ARMERIA

157. **Formosa.** — Hardy perennial. Excellent for edging or borders. Dwarf plant of easy culture, forms ever-green tufts of bright green foliage, and producing innumerable pink flowers in dense head on stiff, wiry stems. 6 inches. July to September. Pkt., 5c.
158. **Alba.** — The same as above in pure white. Pkt., 5c.

ASPARAGUS

160. **Plumosus.** (Asparagus Fern). — Graceful and feathery bright green foliage, extensively grown by florists for cutting purposes. Pkt., 25c.
161. **Sprengeri.** — Drooping foliage, adapted for hanging baskets or cutting. Pkt., 15c.

AURICULA

In raising these spring flowers from seed a considerable amount of patience is needed, the seed being very variable in germinating, taking months sometimes before the young seedlings appear; **half-hardy perennial.**

162. **Finest Show Varieties.** — From a collection of finest, named sorts. Per pkt., 25c.

AUBRIETIA

Hardy perennial, invaluable for covering rockwork or any unsightly spot somewhat elevated above the surrounding ground; they will grow in almost any kind of soil, and may remain for years undisturbed.

163. **Purpurea.** — Flowers of a rich dark purple color. Per pkt., 10c.
164. **Leichtlini.** — Rosy red, a very pretty variety. Per pkt., 25c.

ASPERULA

165. **Azurea Setosa.** — A charming little profuse-blooming hardy annual, bearing clusters of fragrant sky-blue flowers, admirably adapted for bouquet-making. One ft. Per pkt., 10c.

ARABIS

166. **Alpina.** — The earliest, prettiest spring flower. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edgings, withstands the drought and is always neat; 6 inches. Hardy perennial. Per pkt., 5c.

ASCLEPIAS

167. **Tuberosa.** — Hardy perennial. Brilliant orange and yellow flowers in flat-topped, terminal clusters; leaves lanceolate, shiny. olive-green. 2 ft. June to September. Pkt., 15c.
168. **Halli.** — New. Pure white. Pkt., 25c.

ARISTOLOCHIA

169. **Sipho.** — (Dutchman's Pipe). A very useful hardy climber. Pkt., 10c.

BALSAM (Lady's Slipper)

The garden Balsam is a native of India, and likes a bright sun and warm weather. The seeds should be sown in the house, the hot-bed, or in a warm, sheltered spot in light soil in the garden, after the ground has become warm. The seeds quickly germinate and the young plants make a rapid growth. Half hardy annual.

170. **D. & F's. Prize Double Camelia-flowered Mixed.** — A very large-flowering extra double class of highest perfection; unsurpassed. Oz., $1.50; Pkt., 10c.
171. **Double Pink.** — Pkt., 10c.
172. **Double Scarlet.** — Pkt., 10c.
173. **Double Pale Yellow.** — Pkt., 10c.
174. **Double White Perfection.** — Pkt., 10c.
175. **Collection** of 12 varieties, $1.00.

BARTONIA

176. **Aurea.**—Producing showy golden-yellow flowers above its gray and downy thistle-like foliage, which are exceedingly brilliant in the sunshine. Sow where it is to remain, as it does not bear transplanting; hardy annual, 2 feet. Per pkt., 5c.

BEAN

177. **Butterfly.** — This new climbing Bean far surpasses the existing varieties in the beauty of its flowers, which are wavy and distinguished by their snowy white wings and salmon-rose standard, making a most pleasing contrast. The vine is extremely floriferous. Pkt., 10c.

BEET

Used especially for its ornamental foliage; grows in any good garden soil; if grown in garden makes a fine contrast with other plants. 2 feet.

178. **Red Chilian.** — Pkt., 10c.; oz., 50c.
179. **Yellow Chilian.** — Pkt., 10c.; oz., 50c.

BOCCONIA

181. **Japonica.** — Effective, hardy perennial for single specimens or groups on lawns. Foliage glaucous green, bears freely spikes 2 to 3 feet long of cream-colored flowers. 5 ft. Per pkt., 5c.

Balsam. See page 53.

BEGONIA

A fine tribe of plants. Sow in a hot-bed or in the house in February or March, pot young seedlings when large enough. In a few months they begin to display their splendid and continuous bloom. Greenhouse Perennial.

Tuberous Rooted Varieties.

182. **Frilled.** — This strain is unquestionably the finest of the tuberous-rooted section. The flowers are of large size, from 4 to 6 in. in diameter, with beautifully frilled and wavy petals, not unlike the finest single Petunias. Pkt., 25c.
183. **Single Tuberous Begonias.** — Laing's gold medal strain. Mixed. Per pkt., 25c.
184. **Double Tuberous Begonias.** — A really double Begonia. Mixed. Per pkt., 50c.
185. **Rex Varieties.** — Large, handsome leaves, dark, green, variegated with red-bronze, red and silver-white; green house perennial; 1 ft. Pkt., 50c.

Everblooming Bedding Varieties.

The following varieties take rank as bedding plants with geraniums and coleus, doing as well in full sunshine, as in partial or whole shade. They are of sturdy growth, forming dense bushes, which are completely hidden with flowers the entire season. As pot plants for winter flowering they are superb. Easily raised from seed.

186. **Erfordia.** — Bright rosy carmine. Pkt., 25c.
187. **Gracilis.** — Handsome flowers of a delicate rose color. Pkt., 15c.
188. **Luminosa.** — Brilliant fiery dark scarlet; very bright. Pkt., 25c.
189. **Prima Donna.** — A perfected, ideal form of Gracilis; the flowers are larger, of a limpid rose, shading to carmine at the centre. Pkt., 25c.
190. **Salmon Queen.** — The highest colored of all, being a brilliant salmon-rose, beautiful either as a pot plant or for bedding. Pkt., 25c.
191. **Vernon.** — Bright orange-carmine flowers, deep red foliage. Pkt., 15c.

BROWALLIA

198. **Finest Mixed.** — A very profuse-blooming, half-hardy annual bedding plant, bearing during summer and autumn handsome winged flowers of different shades of blue. 1½ ft. Pkt., 10c.
199. **Elata Alba Grandiflora.**—White; fine for cutting. Pkt., 25c.
200. **Speciosa Major.** — A new variety with clear blue flowers, much larger than other sorts. Pkt., 25c.

BRACHYCOME

201. Free-flowering, dwarf growing hardy annual, covered during the greater part of the summer with a profusion of pretty blue or white flowers; suitable for edgings, small beds or pot culture. Per pkt., 5c.
202. **Little Blue Star.**—An improvement on the old variety, with charming bright blue starry flowers, very free flowering and compact. Pkt., 10c.

CALENDULA

Dwarf, bushy hardy annuals, blooming abundantly until frost; of easy culture; indispensable for summer garden. 1 ft. Sowings should not be made outdoors until danger from frost is passed.

203. **Meteor.** — Large double yellow striped with orange. Per pkt., 5c.
204. **Prince of Orange.** — Resembles Meteor but is much darker. Per pkt., 5c.
205. **Pongei Fl. Pl.** — Showy double white flowers. Per pkt., 5c.

CACALIA

206. **Coccinea** (Tassel Flower). — Attractive hardy annual, with bright red, tassel-like flowers. July to October. 1½ feet. Pkt., 5c.

Bartonia, See page 53.

Campanula (Bellflower)

Well-known beautiful hardy herbaceous perennial, bearing a great profusion of attractive bell-flowers; thriving best in light, rich soil; some of the varieties flower the first season if planted early.

214. **Carpatica, Free-flowering.** — Blue and white mixed, continuing in bloom the whole season; 6 inches. Per pkt., 5c.

215. **Fragilis.** — Light-blue flowers. Habit trailing, and valuable for suspended baskets. (Half-hardy perennial). Per pkt., 10c.

Pyramidalis, 216. White, 217. Blue, 218. Mixed. — Stately hardy perennials 3 to 4 ft. high of great beauty for flower borders, or pot culture. Per pkt., 10c.

219. **Persicifolia Grandiflora Blue.** — An elegant hardy perennial, bearing large cup-shaped flowers; 2 to 3 feet. Pkt., 10c.

221. **Persicifolia Grandiflora White.** — Same as above, except in color. Pkt., 10c.

Canterbury Bells (Campanula Media)

Godfrey's Suberb Strain.—See page 5. Pkt., 25c.

222. **Single Mixed.** — Beautiful large bell-shaped flowers; effective plants for pot culture or the border; hardy biennials; 2½ feet. Per pkt., 5c.

223. **Double Mixed.** — All the double Media varieties; 2½ feet. Per pkt., 5c.

Cup and Saucer, (Calycanthema). — This is the finest variety, producing flowers resembling a cup and saucer.

224. **Rose.** — Delicate rosy-pink. Pkt., 10c.

225. **Blue.** — A fine, clear shade. Pkt., 10c.

226. **Striped.** — White striped blue. Pkt., 10c.

227. **White.** — Pure White. Pkt., 10c.

228. **Mixed.** — Pkt., 10c.

CANNA

230. **Crozy's Large-Flowering Sorts.** — This race of Cannas is remarkable for the size and lasting quality of its flowers, and being of compact habit they are invaluable for subtropical bedding. Per pkt., 10c.

231. **Dark-Leaved Varieties.** — Per pkt., 5c.

CERASTIUM

232. **Tomentosum.** — A very pretty dwarf white-leaved edging plant, bearing small white-flowers. Hardy perennial. Per pkt., 10c.

CLEOME

233. **Pungens.** — Curious, very ornamental. Similar to Castor Oil plants. Sandy soil suits them best; annual. Per pkt., 5c.

CANARY-BIRD VINE

234. A rapid-growing, summer-climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary-bird with expanded wings. Per pkt., 10c.

Campanula Cup and Saucer.

CALCEOLARIA

These are among the most beautiful of all greenhouse perennials. They are by no means difficult to grow, if their requirements are strictly attended to. Seed of the herbaceous kinds should be sown in August for the plants to flower the following Spring. Well drained pans filled with light sandy soil are the best. These should be thoroughly watered an hour or two before the seed is sown. The seed need not be covered with soil, but the pans should be covered with panes of glass until germination takes place. When large enough to handle the plants should be pricked off into other pans, and from these transferred to small pots, shifting them into larger ones as often as the pots become filled with roots; using at all times a fairly rich, porous soil. To get best results a cool moist atmosphere should be maintained, the plants at all times should be carefully watered, and kept free from insect pests.

235. **D. & F's Prize Strain.** — This magnificent strain was saved from a fine collection of prize plants; compact habit and bearing masses of flowers of great size and exquisite color, almost every shade of color, beautifully spotted and blotched appearance rarely seen. Per pkt., 50c.

236. **Sutton's Perfection.** — Per pkt., $1.00.

237. **Rugosa Mixed, (Shrubby).** — Small flowering varieties for bedding; of the finest colors. 1 ft. Per pkt., 50c.

Candytuft Empress.

CANDYTUFT

Very showy hardy annuals, growing about 1 foot in height and producing a fine effect when grown in masses. The seed should be sown thinly or the young plants thinned out to obtain sturdy growth.

238. **Carmine.** — Bright carmine rose. Pkt., 10c.
239. **Giant Empress.** — A complete mass of pure white flowers, in a pyramid of bloom. Per pkt., 10c.
240. **White Rocket.** — White, large trusses. Pkt., 5c.; oz., 30c.
241. **Crimson.** — Per pkt., 5c.
242. **Purple.** — Per pkt., 5c.
243. **Mixed Colors.** — Per pkt., 5c.; oz., 20c.
244. **Dwarf Hybrids, Mixed.** — Per pkt., 10c.
245. **Sempervirens.** — A profuse white blooming hardy perennial, coming in flower early in the Spring; much used for Cemeteries, rockeries, etc. 1 foot. Per pkt., 10c.

CALLIOPSIS (Coreopsis)

Showy and beautiful free flowering hardy annuals blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 6 to 12 inches apart.

246. **Tiger Star.** — A novel form, plants not over 9 inches high; flowers of rich reddish-brown, tigered with golden-yellow, not unlike some of the Orchids. Pkt., 15c.
247. **Golden Wave** (Drummondii). — Large, rich golden-yellow flowers with chestnut-brown centres, produced in great abundance. Per pkt., 10c.
248. **Crimson King.** — Rich dark crimson flowers. Pkt., 10c.
249. **Mixed.** — All the choicest mixed. Per pkt., 5c.

PERENNIAL VARIETIES.

250. **Lanceolata.**—Fine deep yellow flowers, charming hardy-perennial, blooms the same season sown. Per pkt., 10c.
251. **Grandiflora.** — Bright golden yellow flowers, 4 inches in diameter, the broad petals over-lapping and beautifully fringed. Pkt., 10c.

CARNATION

From seed sown early in Spring, will bloom in July and continue until frost. Flowers are extra large and the greater percentage double, usually about three inches in diameter. 18 in. Half hardy perennials.

252. **Fine Double Mixed.** — The best for garden culture. Per pkt., 10c.
253. **Chabaud's Everblooming.** — Raised by a famous French specialist. Blooms in five months, after being sown, and continues to flower in the greatest profusion indefinitely. Mixed colors. Per pkt., 25c.

Marguerite Carnation

These are deservedly the popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing. The strain offered is of semi dwarf, robust habit, requiring no artificial support, and producing on long strong stems an abundance of large, double, beautiful fringed, highly scented flowers.

254. **Pure White.** Per pkt., 10c.
255. **Fiery Scarlet.** Per pkt., 10c.
256. **Bright Rose.** Per pkt., 10c.
257. **Sulphur Yellow.** Per pkt., 10c.
258. **Choice Mixed.** Per pkt., 10c.
259. **Giant Marguerite.**—Extra, large and perfect flowering, in a rich variety of colours. They have strong, elastic stalks, so that they may be named iron-stemmed. Pkt., 15c.

CLEMATIS

The seeds are slow to germinate, and should be soaked in warm water for 24 hours, before sowing; hardy-perennial.

260. **Paniculata.** — Covered with pure white, fragrant flowers, completely hiding the foliage. Pkt., 10c.
261. **Jackmanni.** — Mixed shades. Flowers 3 to 4 in. across. Pkt., 10c.

Clarkia. (See page 57).

CELOSIA CRISTATA

(Cockscomb)

Free blooming half-hardy annuals, growing best in rather light soil, not too rich, make grand border plants and are attractive in pots. The seeds should be started in the house in March.

263. **Empress.** — Combs of colossal proportions; rich velvety crimson. Per pkt., 10c.
264. **Glasgow Prize.**—Immense showy dark crimson combs. Per pkt., 10c.
265. **Queen of the Dwarfs.** — The finest dwarf-growing Cockscomb, with beautiful dark rose-colored combs. Per pkt., 10c.

Celosia Plumosus

Feathered Cockscomb.

Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets.

Castle Gould. — See page 5. Pkt., 25c.

266. **Thompsoni Magnifica.** — Splendid variety of colors in mixture, extra choice. Pkt., 10c.
267. **Thompsoni Magnifica Jaune d'Or.** — Fine golden yellow, very choice, grand strain. Pkt., 10c.
268. **Thompsoni Magnifica,** deep crimson. — Dark foliage, extra fine strain. Pkt., 15c.
269. **D. & F's. Choicest Mixed.** — From a magnificent collection of the choicest feathered varieties. All shades of yellow and rose to crimson, with splendid plumes. Pkt., 15c.

CLARKIA

A handsome annual, which should be far more widely known. It is of easy cultivation, graceful in habit of growth and lends itself as well to bedding as for cutting. The flowers are borne all along the stems and resemble Carnations to quite an extent. 1 foot. July to October.

270. **Scarlet Queen.** — The most striking colour yet produced in Clarkia elegans. A valuable and distinct sort. Indispensable for the garden and conservatory decoration in pots. Pkt., 15c.
271. **Double Mixed.** Pkt., 5c.
272. **Salmon Queen.** Pkt., 10c.
273. **White.** Pkt., 10c.

Centaurea Imperialis.

Cobaea.

CENTAUREA

Flowering Annual Sorts.

GIANT SWEET SULTANS (Centaurea Imperialis).—This beautiful class is undoubtedly the finest of all the Sweet Sultans for cutting purposes. Beautiful, deliciously sweet-scented flowers are borne on long, strong stems and are particularly striking, lasting several days after cutting. We recommend sowing in succession every two weeks until July, thereby giving a continuous bloom from summer to fall.

Pkt.		Pkt.	
274.	Brilliant Rose ..10	277.	Deep Purple. . .10
275.	Dark Rose. . . .10	278.	Delicate Lilac . .10
276.	Deep Lavender .10	279.	Pure White . . .10

Collection containing a packet each of the 6 colors . . . . . 40c.

280. **Finest Mixed Colors.** Per pkt., 10c.
281. **Cyanus Double Blue.**—Double flowering from of the popular dark blue Corn flower, and is by far the finest for cutting. Pkt., 15c.
282. **Cyanus Double-Flowered.** — Mixed Colors. Pkt., 10c.

White Leaved Centeaureas

Fine for bedding, vases, hanging baskets and pots; also extensively used for margins. Half-hardy perennial.

284. **Gymnocarpa.** — Fine-cut silver-grey foliage. 1½ feet. Per 1000 seeds, 40c. Pkt., 10c.
285. **Candidissima.** — Silver white, leaves broadly cut. Per 1000 seeds, 60c. Pkt., 10c.

COBAEA

One of the very finest and most beautiful half-hardy annual climbers. Plants begin flowering when quite young. Put seed in moist earth, edge down; do not water until the young plants appear, unless earth is very dry.

286. **Scandens.** — Large, bell-shaped purple flowers. Per pkt., 10c.
287. **Scandens Alba.** — Pure white. Pkt., 10c.

CHRYSANTHEMUM

ANNUAL VARIETIES.

Well's New Early Flowering Single. — See page 5. Pkt., 25c.

289. Chrysanthemum, Coronarium, Primrose Gem. —The habit of the plant is very dwarf and compact, 15 inches in height, covered with beautiful double well-formed flowers of a rich primrose-color, well-adapted either for borders, or pot culture. Pkt., 15c.

290. Bridal Robe. — This is a fine dwarf, compact form of C. Inodorum, valuable for cutting. The plants grow about a foot high, and are covered the entire summer with their beautiful snow-white double flowers. Pkt., 15c.

291. Double Fringed Mixed. — Yellow, white, etc. Per pkt., 5c.

292. Single Mixed. — (Painted Daisies). — Pkt., 5c.

293. Inodorum Plenissimum. — Double snow-white, very free-flowering and fine for cutting. Flowers the first year from seed. Per pkt., 5c.

PERENNIAL VARIETIES.

294. Princess Henry.—Beautiful and valuable variety, superior to the famous "Triumph." Its immense floriferousness and the perfect shape of its flowers is unsurpassed, the latter attaining a size of 15 inches in diameter and even more. Blossoms of the purest white, with yellow centres and borne on long, strong stems. Per pkt., 10c.

295. Shasta Daisy. — The finest of all the moon-penny Daisies, flowers very large and perfect. Per pkt., 20c.

296. Japanese Hybrids. — The seed here offered has been saved from a magnificent collection. Seed sown in Spring will produce flowering plants by fall. Pkt., 10c.

297. Frutescens Grandiflora, (Painted Daisy or Marguerite).—White, yellow-eye. Pkt., 10c.

Chrysanthemum, Primrose Gem.

Cineraria.

CINERARIA

Seed may be sown from April to July. June if only one sowing is made. Being rapid growers, they should not receive a check of any kind from start to finish. When potting use a fairly rich soil, in as rough a condition as the size of the pots will allow. Keep the surroundings cool and moist, but do not over-water, or expose them to the sun sufficiently to make them wilt.

298. Matador. — The new, large flowering scarlet, which adds considerable life and brilliancy to a collection. Pkt., 50c.

299. Cineraria "Star."—This curious strain, the issue of various crossings, is now stable in character and may be relied on as coming true from seed. Of the same habit as the C. grandiflora, it differs from the old type in the petals being twisted and quilled thus justifying the name given to it. Its charming flowers include not only the Colours usualy found in that class of plants, but also those of the new hybrids introduced in late years, such as Antique rose, Matador and all their derivatives.
It was awarded a gold medal and a Certificate of Merit by the National Horticultural Society and won a first prize (Silver Medal) in April last at the Brussels International Exposition. Pkt., 75c.

300. D. & F's. Prize Mixed. — The plants are of compact growth, carrying large flower-heads of finest form and substance. The strain includes the richest and brightest self colors as well as perfectly marked fringed and margined forms of all colors. Per pkt., 50c.

301. Sutton's Prize Mixed. — Per pkt., 80c.

302. Sutton's Pink and Light Blue Shades. — Pkt., 80c.

White Leaved Sorts

Fine for bedding, ribbon beds and margins; prized for their beautiful drooping, silvery foliage; half-hardy perennial; 2 feet.

303. Maritima Candissima. — Silver foliage. Oz., 50c.; per pkt., 5c.

304. Acanthifolia. — Silver foliage beautifully cut. Per pkt., 10c.

CONVOLVULUS Morning Glory

Brazilian Morning Glory. — See page 4. Pkt., 10c.; oz., 40c.

305. Morning Glory.—Mixed. All colors. Per pkt., 5c.; oz., 15c.

306. New Day Glory. — The first of this series. A day-blooming Glory, which keeps its flowers open during the entire day. Pkt., 20c.

307. Convolvulus Minor. — Annual, mixed colors. Per pkt., 5c.; oz., 15c.

Giant Imperial Japanese Morning-Glories

308. A magnificent advance on the old-fashioned Morning Glories. The enormous flowers, exquisite colors and beautiful foliage make them, without doubt, the most beautiful climbers in existence. Mixed colours. Pkt., 10c.; oz., 30c.

"Ruffled and Frilled" Japanese Morning Glories

309. The perfection of Morning Glories. Immense flowers, often as big as saucers, all wavy, ruffled and fluted from throat to margin, like crumpled velvet. They are simply magnificent. Mixed Colors. Pkt., 15c.; oz., 40c.

COSMOS

This is one of our most useful and beautiful autumn flowers. To get it in bloom early the seed should be sown in May in the open ground where the plants are desired to bloom and allowed to grow and flower without being transplanted.

310. D. & F's. Early Mixed Hybrids.—The earliest of Cosmos in existence If sown in May in the open ground, it usually blooms by the first or second week in July The colors include pure white, shades of lilac, rose and crimson. Pkt., 10c.

311. Early Pink. Pkt., 10c.

312. Early White. Pkt., 10c.

Giant Japanese Morning Glories.

Cyclamen, Mrs. Buckston.

CYCLAMEN

313. Mrs. Buckston. — A new variety with beautifully frilled and waved flowers, which are of large size, often measuring 2½ to 3 inches across, and are produced in great abundance; color, delicate salmon. Per original pkt., 75c.

314. D. & F's. Prize Mixed. — From the purest white to the richest and darkest crimson; a grand strain, plants dwarf and compact, flowers large, broad-petalled, of great substance, and borne in great profusion well above the foliage; the colours are well defined, brilliant, and delicate in shade. Buyers will be greatly pleased with this fine strain. ½ pkt., 50c.; pkt., 75c.

324. Sutton's Giant White. Pkt., 80c.

325. Sutton's Giant Pink. Pkt., 80c.

326. Sutton's Giant Crimson. Pkt., 80c.

327. Sutton's Giant Mixed. Pkt., 80c.

CUPHEA

329. Platycentra. — The old-fashioned Cigar Plant, with tubular scarlet flowers, tipped with purple; always in bloom. Adapted for bedding and for house and conservatory decoration. Tender perennial. Pkt., 15c.

COLEUS

330. Mixed Varieties. — Plants with rich colored foliage, very beautiful. Tender perennial. Per pkt., 25c.

331. Superb New Hybrids.—From a celebrated collection of named varieties. Pkt., 50c.

Cote des Neiges, Que.,

I hope the Seeds do as well this time as they did last, and I will be more than pleased. Won 40 prizes.

JULIUS LUCKE,
Gardener to C. B. Gordon, Esq.

DIANTHUS (Pink)

A magnificent class embracing some of the most popular flowers in cultivation, producing in great profusion their beautiful brilliant-colored flowers, highly valued for cutting. They are Hardy Biennials but treated as Annuals bloom the first season from early summer till frost.

Double Annual Varieties

332. DIANTHUS, Snowdrift.—Fine large-flowered variety of the Japanese annual Pink, with beautiful fringed, very double flowers, over 3 inches in diameter, and of the purest snow-white. Pkt., 10c.

333. DIANTHUS, Fireball. — A dwarf variety, producing globular, double, dark, blood-red flowers, extra fine for bedding. Pkt., 10c.

334. DIANTHUS Laciniatus Fl. Pl."Lucifer."—The nicely fringed double flowers 1¾ to 2 inches across, are of an intense orange-scarlet, a dazzling color in full sunshine and the most striking of all red flowered annual Pinks. Pkt., 15c.

335. Nobilis. (Japan Royal). — Very handsome; petals undulated and twisted and beautifully fringed; choice mixed-colors. Per pkt., 10c.

336. Chinensis, double, mixed colors. Pkt., 5c.

337. Heddewigii, double mixed (Japan Pinks). Pkt., 5c.

338. Diadematus, double mixed (Diadem Pinks). various colors, all edged and marbled. Pkt., 5c.

339. Double Striped and Fringed, mixed (Laciniatus, fl. pl.), large double fringed flowers of various colors and markings. Pkt., 10c.

Single Annual Varieties

340. Dianthus Superbissimus Mixed. — A lovely new strain of Dianthus. Flowers very large, of various colours, with crested surface to petals and white throated, giving the flowers a very striking and charming appearance. The finest and largest flowered strain of Dianthus by far for cut bloom. Pkt., 15c.

341. Heddewigii, mixed colors (Japan Pinks). Pkt., 5c.

342. Eastern Queen. Rose, striped and stained. Pkt., 10c.

343. Crimson Belle. Very large dark red. Pkt., 10c.

344. The Bride (Little Gem). White, purple eye. Pkt., 10c.

Dwarf-Erfurt Double Pink.

Delphinium.

HARDY GARDEN PINKS

These hardy varieties are delightfully sweet and well adapted for beds and borders; should be in every garden where cut flowers are wanted.

345. Dwarf Erfurt Double Pink.—This new strain is of compact growth and early-flowering, coming into bloom two weeks or more in advance of any other variety. They possess the spicy clove fragrance of the old-fashioned pink, and have a much richer variety of coloring. Per pkt., 20c.

346. Plumarius Fl. Pl. Scented.—Double and semi-double varieties in beautiful colors. Per pkt., 10c.

347. Semperflorens (Eeverblooming Hardy Garden Pinks). — Very beautiful, sweet-scented, double, semi-double, and single flowers in great diversity of color. Pkt., 10c.

DELPHINIUM

(Perennial Larkspur)

One of our most showy and useful plants, possessing almost every requisite for the adornment of the garden; producing splendid spikes of flowers in profusion throughout the summer. If sown early they bloom the first year from seed; hardy perennial.

Newer Varieties. — For description see page 6.

348. Cashmerianum. — 4 ft. Dark blue, Monk's Hood-like flowers; very fine species. Pkt., 10c.

349. Formosum. — 2½ feet. Rich dark blue, long spikes. Pkt., 5c.

350. Nudicaule. — 18 in. Scarlet, dwarf; very fine. Pkt., 10c.

351. Zalil (Hardy Yellow Larkspur). — 3 ft. Long spikes, sulphur yellow. Pkt., 10c.

352. Grandiflorum Fl. Pl. — Large flowering double hybrids, finest mixed, saved from a superb collection of extra double varieties. Pkt., 10c

353. Finest Mixed (Chinese). — A splendid large flowering strain. Pkt., 5c.

DAHLIAS

This very popular flower can easily be raised from seed; in fact, it is surprising how many new varieties are yearly introduced from seedlings. Seed sown in March will produce flowers in August.

377. **Double.** — Large flowering mixed. Pkt., 15c.
378. **Double Pompon.** — Choicest mixed. Pkt., 10c.
379. **Double Cactus.** — Many colors. Pkt., 10c.
381. **Single Giant Perfection.** — Flowers of immense size, averaging 6 inches across. Many colours. Pkt., 15c.

DATURA

Large, strong growing plants, trumpet shaped flowers. Roots can be preserved in the cellar, like Dahlias. Three feet in height, set three feet apart. Half-hardy annual.

382. **Arborea.** (Brugmansia). — Flowers trumpet-shaped; usually about 12 inches long; fragrant and pure white. Pkt., 10c.
383. **Cornucopia,** (Horn of Plenty). — Grand variety, the flowers average 8 inches long by 4 across. French white inside, delightfully fragrant, started early will flower from early summer until frost. Per pkt., 10c.

DIGITALIS (Foxglove)

Floxgloves make most effective border plants, either as a background or planted among other things. Rich deep soil and partial shade suit their requirements. The plants are perfectly hardy, growing in one situation for a number of years; but, as with many other perennials, they are all the better for being divided at intervals.

384. **Gloxiniaeflora.** — Gloxinia-shaped flowers; a lovely type; all colors mixed. Pkt., 5c.
385. **Monstrosa** (Mammoth Foxglove). — Long spikes, surmounted by an enormous flower; very odd; all colours mixed. Pkt., 10c.
386. **White, Purple, Pink, Yellow.** Per pkt., each 10c.

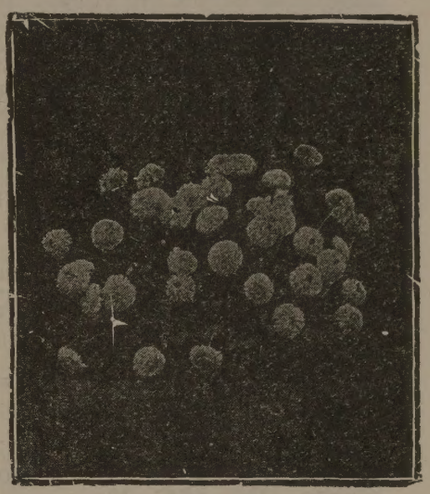
DIMORPHOTECA

387. **Aurantiaca** (African Golden Daisy). — Daisy-like blossoms of rich orange color, dark disc, surrounded by a black zone. 12 to 15 in. high, bushy. Pkt., 10c.
388. **Aurantica Hybrida.** — Very dainty new varieties with flowers varying in colour from purest white, through delicate light shades of sulphur-lemon, light orange and salmon to golden yellow; in height and habit similar to the pretty Dimorphotheca aurantiaca of recent introduction. Pkt., 15c.

Dimorphotheca.

DOUBLE DAISY

Sow the seed very early. The flowers are abundant in early spring, and may be continued later by the use of water. Plants can be removed safely even when in flower. The plants should be about six inches apart in a cool border. Hardy perennial.



389. **The Bride.** — The nicest white Double-Daisy. Extraordinarily large and very double flowers borne on long, stiff stalks. very early and free flowering. Adapted for pot culture and borders, as well as for cutting. Pkt., 15c.
390. **Longfellow.** — Large double pink flowers. Per pkt., 10c.
391. **Snowball.** — A very double pure white Daisy. The flowers are borne on long stems, and are excellent for cutting. Per pkt., 10c.
392. **Double Mixed.** — All colors. Per pkt., 10c.

DRACAENA

393. **Australis.**—Broad leaves; fine pot plant. Pkt., 25c.
394. **Indivisa** (Cordyline). — Long slender leaves. Pkt., 10c.
395. **Veitchii.**—Variegated leaves. Very ornamental. Pkt., 10c.

ESCHSCHOLTZIA

Among our most beautiful and popular annuals, being of easiest culture and giving great satisfaction, blooming all summer, a bright effect when massed. Hardy annual.

396. **Dainty Queen.** — Pale coral pink, deeper towards the edges, ground work of delicate cream, colour the same inside and out. Pkt., 15c.
397. **Mandarin.** — Outside crimson, orange scarlet within; 1 foot. Pkt., 10c.
398. **Fine Mixed, Single.** — Includes many colors. Per pkt., 5c.
399. **Double Mixed.** — All colors. Pkt., 5c.

ERYTHRINA

400. **Crista-galli.** — A magnificent plant producing its scarlet and crimson pea-shaped flowers on spikes 18 inches long. Planted in May they will flower profusely through the summer. The roots may be taken up in the fall, and kept through the winter in a dry cellar. Per pkt., 10c.

ERIGERON

401. **Hybridus Roseus.** — Interesting and attractive plants for permanent positions. The Aster-like flowers are about 1 inch across, of a beautiful purplish-rose, with a golden yellow centre. It is a hardy perennial, but will flower the first year if sown early, without interruption from May until frost. Pkt., 20c.

FERNS

Very desirable plants for ferneries.

402. **Choice Mixed.** — Choice collection. Pkt., 25c.

FUCHSIA

403. A well-known plant of easy culture, for the house or shady situations in the garden. Seed saved from the finest single and double named sorts. Pkt., 30c.

GENTIANA

404. **Acaulis.** — Intense blue bell-shaped, flowers, during May and June. Hardy perennial. Per pkt., 10c.

GAILLARDIA

Gaillardias, known as Blanket flowers, are good for bedding, being strong, constant bloomers through the whole summer. Set plants twelve to eighteen inches apart.

405. **Lorenziana, (The Bride).** — The double annual Gaillardias have always been favorites both as cut flowers and for bedding, and this new very double creamy-white sort is particularly desirable for cutting, the flowers being of good size and borne on very long stems. Pkt., 15c.

406. **Gaillardia Picta Lorenziana.** (Blanket Flower). — Very showy annuals, used abundantly for borders and bedding and fine for cut flowers. Seed should be started early and will flower continually until frost. Double Finest Mixed. 2 feet. Pkt., 5c.

407. **Gaillardia. Perennial. Grandiflora Hybrida.** — Finest Mixed. — Continual bloomer; very showy and one of the most brilliant garden flowers. Fine for perennial borders. Pkt., 10c.

GERANIUM

408. **Zonale George's Celebrated.** — Saved from the largest and finest double varieties mixed. Pkt., 10c.

409. **Pelargonium, Turner's Fancy.** — Saved from the finest fancy and spotted large-flowering sorts. Per pkt., 10c.

410. **Apple-scented.** — This fragrant favorite variety, can only be grown from seed to form fine plants. Per pkt., 10c.

GODETIA

Showy hardy annual of compact growth, about 1 foot high, bearing freely flowers 3 to 4 inches across of exquisite colors and shades that glisten in the sunlight like satin. A very satisfactory plant for solid beds or border lines. A rather poor soil will cause it to bloom better than one very rich, as this flower is inclined to make a rank growth. They harmonize well with the California poppy (Eschscholtzia).

411. **Crimson Glow** (New) Deep crimson. — Grows about 9 in. high; finest variety for bordering; completely covered with clusters of flowers. Pkt., 10c.

412. **Gloriosa.** — Large satiny brilliant blood-red flowers richest color of all. Pkt., 10c.

413. **Mixed** — All colors. Per pkt., 5c.

GOURDS

Luxuriant ornamental climbing annuals, useful for covering arbors, fences or slopes, and bearing gourds which are of interesting forms and colors; 10 to 15 feet.

414. **Mixed Varieties.** — Pkt., 5c.; oz., 25c.

415. **Imported Collection** of 12 varieties, 50c.

Ornamental Gourds.

GEUM

416. **Atrosanguineum Fl. Pl.** — Showy hardy perennial, brilliant scarlet double flowers, borne in clusters on long stems; fine for cutting. 1½ ft. Per pkt., 10c.

Coccineum Fl. Pl. Mrs. J. Bradshaw. — See page 7. Pkt., 30c.

Gypsophila.

GLOXINIA

A superb genius of greenhouse plants, producing magnificent flowers of the richest colors; thrive best in an equal mixture of peat, loam and sand. Sow in March.

418. **D. & F's. Prize Strain Mixed.** — Our strain is unsurpassable by the great size and exquisite brilliancy and beauty of the individual blooms as well as richness of colours and shades of same. Per pkt., 50c.

419. **Sutton's Giant Mixed.** — Per pkt., $1.00.

GREVILLEA

420. **Robusta.** — Beautiful and graceful foliage, highly valued as a decorative plant for the table, and when large for tropical lawn effects, tender perennial, 3 to 5 feet. Per pkt., 10c.

GYPSOPHILA

Pretty free-flowering, elegant plants for rockwork, baskets, edging and borders; succeeding in any garden soil.

Paniculata Fl. Pl. (Double). — See page 6. Pkt., 25c.

421. **Paniculata,** (Baby's Breath).—White flowers, fine for bouquets, hardy perennial, 2 feet. Per pkt., 10c.

423. **Elegans, Alba Grandiflora.** — A hardy annual variety; delicate sprays of pure white flowers. Most suitable when arranging Sweet Peas for Exhibition or table decorations. Per pkt., 5c.

424. **Carminea.**—New. Bright carmine rose, bushes grow about 10 inches high, very free flowering. Pkt., 10c.

HELICHRYSUM

425. Showy garden annuals, of free growth, producing abundantly large full and double flowers, in shades of white yellow, crimson, etc., valuable "everlasting" for winter bouquets. 1 to 2 feet. Hardy annual. **Double mixed.** Large flowering. Pkt., 5c.

HEUCHERA

426. **Hybrida Grandiflora.**—The plant is of a robust growth and flowers very freely, bearing large panicles of blossoms of the size of the Lily of the Valley. Hardy perennial. Mixed colors. Pkt., 15c.

427. **Sanguinea.** — Beautiful hardy perennials. The foliage is evergreen, flowers fiery coral, shading to brilliant crimson. Borne on graceful spikes. A charming cut flower. Per pkt., 10c.

428. **Alba.** — Pure white improved. Pkt., 15c.

HIBISCUS

429. **Africanus.** — Robust garden annuals; large saucer-shaped flowers of creamy yellow with purple centre. If sown early will bloom the first year. 2 feet. Pkt., 10c.

430. **Crimson Eye.** — Flowers of the largest size pure white, with a large spot of velvety crimson in the centre; hardy perennial; flowers the first year if sown early. Pkt., 10c.

HELENIUM (Sneeze Wort)

Strong-growing, hardy perennials, succeeding in any kind of soil, and useful in any border, giving an enormous crop of flowers in the late summer.

431. **Riverton Gem.** — Of strong growth, 2½ to 3 feet high. Covered all summer with brilliant flowers which on opening are old-gold suffused with terra-cotta, changing as they mature to a wall-flowered. Pkt., 15c.

432. **Riverton Beauty.** — Similar to the preceding in every way except color, the petals being a rich lemon-yellow surrounding a large cone of purplish-black; a striking combination. Pkt., 15c.

HELIOTROPE

One of the finest class of plants for cutting, as the delicious fragrance of all the varieties is very durable. For the same reason they make excellent house plants. Seed sown early in the spring in the house will make fine plants for summer bedding. Tender perennial.

433. **Lemoine's Giant.** — Of robust growth, and produces heads of flowers double the size of the old sort, mixed colors. Per pkt., 10c.

434. **Regal.** — A new variety with immense flower heads of the Giant type, but of dwarf, compact growth, all shades. Per pkt., 25c.

435. **Mixed.**—All colors of the regular type. Pkt., 5c.

HONESTY

Lunaria Biennis. — Good early-flowering plants; the seed-vessels, which are flat and broad, look like transparent silver, and are very pretty for winter bouquets of dried flowers. Height, 2 ft.

436. **Mixed.** Per pkt., 5c.

Humulus (Japanese Hop).

HOLLYHOCK

In situations suitable for all flowers we know of nothing better than the Hollyhock, and yet the improved varieties do not grow very high — from four to six feet being about the average. New plants are obtained from seed and by dividing the root. Seed sown in the summer will give plants that will endure winter. The plants may be protected during winter with a little straw and evergreen boughs or leaves. Hardy perennial. See also Plant Department.

437. **Crimson.**—Per pkt., 10c.

438. **Pink.** — Per pkt., 10c.

439. **Purple.** — Per pkt., 10c.

440. **Salmon.** — Per pkt., 10c.

441. **White.** — Per pkt., 10c.

442. **Yellow.** — Per pkt., 10c.

443. **Extra Choice Double Mixed.** — Per pkt., 10c.

444. **Collection** of a packet, each of the above 6 colors. 50c.

445. **Imported Collection** of 12 colors. 75c.

446. **Allegheny.** — Mammoth flowers, wonderfully formed of loosely arranged fringed petals, which look as if made from the finest China silk. The colors vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high. Per pkt., 10c.

New Annual Everblooming. — See page 7. Pkt., 15c.

HUNNEMANNIA

448. **Fumariaefolia.** — This is by far the best of the Poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with large butter-cup yellow poppy-like blossoms and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. Hardy annual. Pkt., 10c.

HUMULUS

449. **Japonicus.** (Japanese Hop). — A rapid growing hardy annual climber with dense green foliage. Pkt., 10c.

451. **Variegatus.**—Leaves mottled with white. Per pkt., 10c.

INULA

452. **Glandulosa Grandiflora.** — Hardy perennial, garden plant, 2 feet high, with large single golden yellow flowers, 4 to 5 in. across, oblong, narrow, waxy petals. Pkt., 10c.

Larkspur Double Stock Flowered.

INCARVILLEA

453. **Delavayi.** — Beautiful hardy perennial plant with long, flexible branches. Forms large roots the first year which should remain in the ground the next season, and thereafter they throw up large flower stalks 3 feet high, bearing large tubular flowers of rosy carmine, spotted with yellow; the throat is brown. Per pkt., 15c.

454. **Hybrida Grandiflora.** — This plant is a grand improvement on the old I. Dalavayi, the flowers being of a much darker carmine, and double in size, besides appearing a fortnight earlier and leaving off flowering four weeks later. Pkt., 25c.

IMPATIENS

(Perennial Balsam)

Charming plants for the decoration of the greenhouse or dinner table, also for bedding out in partial shade, producing bright, waxy-looking flowers profusely and almost continuously. The young seedlings should be carefully handled, as they are exceedingly brittle at the outset.

Impatiens Nana Liegnitzia.—See page 7. Pkt., 25c.

455. **Sultana.** — Flowers of brilliant rosy-scarlet color. Pkt., 15c.

456. **Holstii Hybrids.** — Hybrids of I. Holstii, and like their parent, form strong bushy plants about 2 feet high, covered with attractive flowers, throughout the entire summer, and fall. In fact, when grown as pot plants they bloom the year round. Choicest mixed, 15c.

IPOMOEA

458. **Cypress Vine (Ipomoea Quamoclit).** — Very popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star shaped flowers, annual. Pkt., 5c.

459. **Grandiflora (Moon Flower).** — At night and during dull days the plants are covered with an abundance of large, pure white fragrant flowers, 5 to 6 inches in diameter. Grows very rapidly, annual. Per pkt., 10c.; oz., 75c.

JACOBAEA

460. **Elegans Fl. Pl.** (Senecio). — For large beds and mixed borders the Jacobaea is very effective. Hardy annual. Mixed colors. Per pkt., 5c.

KOCHIA

461. **Trichophylla.** — A pretty half-hardy annual, forming compact bushes about 2½ feet in height, with small feathery light green drooping foliage, which changes, as the summer advances, to a deep green and to a crimson hue in September. Very fine specimens have been exhibited in pots, for which it is admirably adapted. Seed may be sown in March, giving the same treatment as for balsam or other similar annuals, care being taken to secure a good drainage, as it is sometimes slow in germinating; or seed may be sown in April, and the seedlings planted out 2 feet apart in the open border about the end of May. Pkt., 10c.

462. **Kochia Scoparia.** — Similar to the above, but not so graceful. Pkt., 5c.

LARKSPUR

463. **Dwarf Rocket.** — These are splendid hardy annuals, which when sown in clumps in front of shrubbery make a pleasing effect, and the slender flower-stalks, when cut, are most desirable for vases. Seed should be sown as early in the Spring as possible where they are to flower. Finest double mixed; 1 foot. Per pkt., 5c.; oz., 25c.

464. **Double Stock Flowered.** — A tall branching variety, with beautiful long spikes of flowers; 2 feet. Per pkt., 5c.

465. **Imported Collection** of 12 varieties, 50c.

LATHYRUS

(Everlasting or Hardy Sweet Peas). — Showy free-flowering hardy perennial climbers for covering old stumps, fences, etc., continually in bloom; fine for cutting.

466. **Lathyrus, Latifolius, The Pearl.** — A grand introduction, with very large, pure white flowers produced in great profusion and twice the size of the old white variety. Hardy perennial. Pkt., 15c.

467. **Pink Beauty.** — Rosy pink. Pkt., 10c.

468. **Mixed.** — All colors. Per oz., 60c.; Pkt., 10c.

Lavatera. (See page 65).

Lobelia Crystal Palace Compacta.

LAVATERA

A very beautiful and showy hardy annual, growing about 2 feet high and covered during the entire summer with large cup-shaped flowers; in a border or bed the effect is very bright. Sow in May where they are to bloom and thin out to 12 inches apart. For winter flowering start seed about August; prick off when ready into two inch pots and pot on as required. Keep close to the glass in cool house. Can be flowered easily in a six inch pot.

469. **Rosea Splendens** — Pink. Per pkt., 10c.
470. **Alba Splendens.** — Pure white. Pkt., 10c.

LINUM

471. **Coccineum,** (Scarlet Flax). — One of the most effective and showy bedding plants with brilliant scarlet crimson flowers; hardy annual, 1 foot. Pkt., 5c.

LOBELIA

One of the finest plants for edgings and baskets, all are half hardy annuals excepting Cardinalis, which is a hardy perennial.

472. **Heterophilla Major.** — One of the best coming into flower early, and continuing to bloom without interruption until frost. The plant forms dense globular bushes about 6 inches high, completely smothered with flowers, of a most brilliant sky-blue, with a clear white eye. Pkt., 15c.
473. **Tenuior.** — Of upright habit, about 15 inches high, with very large flowers of rich cobalt blue with white eye. Splendid for pots or bedding. Pkt., 15c.
474. **Emperor William.** — Compact; flowers sky-blue. Per pkt., 10c.
475. **Crystal Palace Compacta.** — Dark blue, the best for edging and carpet-bedding. Seed saved from cuttings. Per pkt., 10c.
476. **White Gem.** — Forms a ball of snow-white flowers, presenting a fine appearance. Per pkt., 10c.
477. **Erinus Gracilis.** — Blue, fine for baskets or trailing purposes. Per pkt., 10c.
478. **Cardinalis Hybrids.** — Flowers large and of splendid shades, of rose, red, lilac, purple, etc., in bloom from July to October; 2 feet. Hardy perennial. Pkt., 25c.
479. **Cardinalis Queen Victoria.** — Brilliant scarlet, very dark leaves; splendid. 2 feet. Per pkt., 20c.
480. **Lobelia Cardinalis Illumination.** — New hardy sort, a cross between Cardinalis and Queen Victoria. Plants about 2 feet high, with one immense, broad, strong stem of glowing scarlet, which, with the dark foliage, makes a striking appearance. Pkt., 25c.

LINARIA

486. **Maroccana Excelsior.** (New). — A charming annual with snapdragon-shaped flowers; desirable for edging, and very good for rockwork. Mixed colours. Pkt., 15c.
487. **Cymbalaria** (Kenilworth). Lavender and purple. A charming, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock work. Pkt., 10c.

LUPINUS

488. **Annual Mixed.** — Free-flowering, easily-grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders and beds; prefers a little shade from the noon-day sun; 2 feet. Pkt., 5c.
489. **Collection** of 12 annual varieties, 50c.

Polyphyllus. — Effective hardy perennial, succeeding in any good garden soil; blooms in May and June; 3 feet. We offer as under:

	Pkt.		Pkt.
490. Rose	10c.	493. Moerheimi.	
491. White	10c.	Rose and pink .	15c.
492. Blue	10c.		

A packet each of the 4 sorts, 35c.

494. **Perennial Mixed.** — All colors. Per oz., 40c.; pkt., 5c.

MARIGOLD

Old-fashioned flowers, rich and showy, blooming continually all Summer; excellent for bouquets and a beautiful garden plant. Tall African varieties best for garden and cutting, while French varieties are fine for edging. Annual.

French Varieties

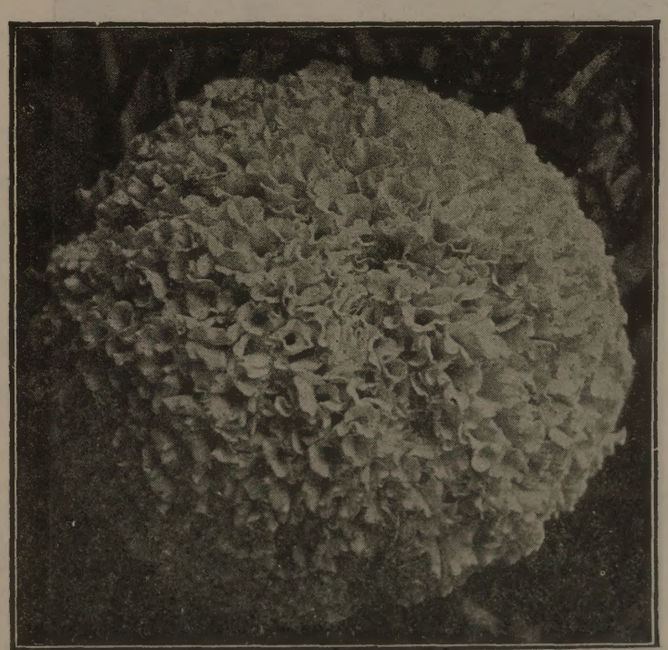
Dobbie's Selected. — See page 8. Pkt., 15c.

502. **Dwarf Double Mixed.** — Pkt., 5c.; oz., 30c.
504. **Tall Double Mixed.** — Pkt., 5c.; oz., 30c.
505. **Gold Striped.** — Very double, deep brownish-red striped yellow; 1 ft. Per pkt., 5c.
506. **Légion d'Honneur.** (Little Brownie).—A single flowering Marigold, forming compact bushes 6 inches high. Begins flowering early, commencing in June. The flowers are golden-yellow, marked with a large spot of crimson velvet. Per pkt., 10c.

African Varieties

Dobbie's Selected. — See page 8. Pkt., 15c.

508. **Dwarf Double Mixed.** — Pkt., 5c.; oz., 30c.
509. **Tall Double Mixed.** — Pkt., 5c.; oz., 30c.
511. **Lemon Queen.** — Large lemon colored flowers. Pkt., 5c.
512. **El Dorado.** — Flowers very large imbricated and extremely double. Colors all shades of yellow. Per pkt., 5c.; oz., 30c.



Marigold, African.

LYCHNIS

Handsome hardy perennial plants of easy culture, growing in any rich garden soil; for massing in beds and borders; blooming the first year if sown early.

513. Chalcedonica, (Jerusalem Cross). — Large scarlet flower-heads; 2 ft. Per pkt., 5c.
514. White. — Per pkt., 5c.
515. Haageana. — Brilliant, orange, scarlet, crimson, etc., in mixture. 1 ft. Per pkt., 5c.

MALVA

516. Musk Mallow, Moschata. — Hardy perennial. Rose-pink flowers, flowering the first season if sown early. 2 ft. June to August. Pkt., 10c.
517. Moschata Alba.—Pure white flowers. Pkt., 10c.

MARTYNIA

518. A half-hardy annual, requiring to be grown in a warm sheltered situation outside or in pots for the greenhouse. Pkt., 10c.

MARVEL OF PERU

519. An excellent flower for the back row in a bed of annuals is the Four-O'clock. It is a tender annual that is always interesting, flowering from July to October, in many brilliant colours, grow two to three feet high.

MAURANDIA

These charming climbers cannot be too highly praised for their beautiful flowers and foliage admirably adapted for hanging-baskets, vase and trellis-work. Tender perennial.

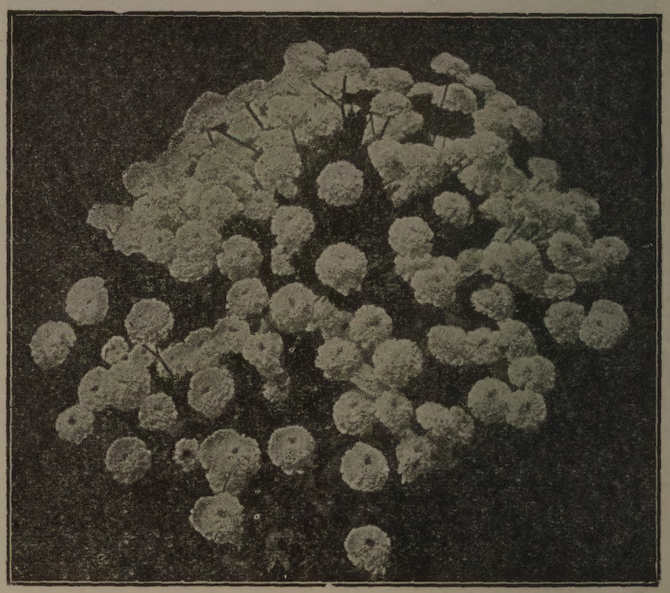
520. Alba. — A pretty white variety. Pkt., 10c.
521. Barclayana. — Deep violet, 10 ft. Pkt., 10c.

MALOPE

Very ornamental hardy annual plants of vigorous growth, branching freely, and producing large flowers of brilliant crimson, or of pearly white. These showy plants are of easy culture, in almost any garden soil, but succeed best in a sandy one, and in a sunny situation. Sow seeds under glass or in the open border.

522. Grandiflora. — Flowers single, rose. Pkt., 5c.
523. Grandiflora Alba. — Single white Pkt., 5c.

Nemesia. See page 68.



Matricaria Double White.

MATRICARIA

524. Capensis Alba Plena Fl. Pl. Extimia (Fever few). — Double pure white flowers are borne on slender stems 15 inches high, which are excellent for cutting. Half-hardy perennial, which should be treated as an annual. Pkt., 10c.; oz., 75c.
525. Eximia. Golden Ball. — Compact growing variety, with golden yellow flowers. Excellent for bedding. 1 foot. Pkt., 25c.

MESEMBRYANTHEMUM

Dwarf, trailing hardy annuals for rockeries, edgings and vases.

526. Cordifolium Variegatum. — Variegated foliage; rose colored flowers. Pkt., 10c.
527. Crystallium. (Ice Plant). — Singular icy foliage; flowers white. Pkt., 10c.

MIGNONETTE

Seed of Mignonette may be grown at any season, so that by having pots prepared at different times a succession of flowers can be secured. Seed sown early in the garden will give flowers throughout summer. Planted in a cool place it will continue to bloom all through the fall .

Dobbie's Giant. — See page 7. Per pkt., 20c.

Montreal Market. — See page 7. Pkt., 25c.

529. Allen's Defiance. — Spikes from 12 to 15 inches long deliciously fragrant, more so than any other variety. Per pkt., 10c.; oz., 60c.
532. Golden Queen. — A very fine and distinct variety, with flower of a golden hue. Pkt., 5c.; oz., 30c.
533. Goliath. — Of strong, yet compact habit, with rich green foliage, the giant trusses of flowers being borne on erect, strong, stiff stalks and surpassing all others in brilliancy of color. Per pkt., 15c.
534. Giant Machet. — Plant dwarf and vigorous, producing many large spikes of very sweet-scented red flowers; fine for pot culture. Per pkt., 10c.; oz., 80c.
535. White Pearl. — Large spikes of pure white flowers, very fragrant. Pkt., 10c.
537. Large-Flowering Pyramidal. — Flowers large, of a reddish tint; a good variety for the open ground. Per pkt., 5c.; oz., 50c.
538. Sweet-scented. (Reseda Odorata). — The old variety with small spikes, but very sweetly-scented Per pkt., 5c.; oz., 20c.

MONARDA

540. Didyma. — Flowers bright scarlet; produce spikes July and August 2 to 3 feet high, hardy perennial. Pkt., 25c.

MIMULUS

Admirable pot plants, and equally adapted for the garden. The color and markings of the large Gloxinia-shaped flowers are rich in the extreme. Half-hardy perennial.

541. **Superb Prize Strain.** — Containing the most brilliant colours, as well as largest flowers. Per pkt., 10c.

542. **Moschatus,** (Musk Plant). — Foliage emits a strong musky perfume, yellow, ½ ft. Per pkt., 10c.

MUSA ENSETE

543. (The Abyssinian Banana Plant). A foliage plant of magnificent proportions; for subtropical effects on lawns or as specimens in tubs. Per pkt., 25c.

MYOSOTIS (Forget-me-not)

The Forget-me-Nots succeed best in a shady, moist situation; perennials and hardy if given a slight protection through the winter; bloom the first year from seed if sown early. Fine for edging or in beds with Pansies.

Sutton's Pot Myosotis. — See page 8. Pkt., 75c.

544. **Sutton's Royal Blue.** — This is a grand addition. The flowers being of larger size and a deeper blue than any other. Per pkt., 15c.

545. **Robusta Grandiflora "Triumph".** — A new Forget-me-not, with large blue flowers. Commences to bloom in eight weeks time. Pkt., 20c.

550. **Dissitiflora.** — Large flowering sky-blue Forget-me-not. Per pkt., 10c.

551. **Dissitiflora Alba.** — Large flowering white variety. Per pkt., 10c.

552. **Alpestris.** — Fine mixed. Per pkt., 5c.

NASTURTIUM

The varieties of the Tom Thumb class are as indispensable as Geraniums for summer decoration of beds and borders. They bloom profusely in any soil for a long period, but exhibit their flowers to the greatest advantage on poor land. Hardy annuals.

Nasturtium.

Dwarf Varieties

555. **Dwarf Ivy-leaved.** — Makes pretty, compact plants, excellent for beds, borders, boxes, etc. Mixed colors. Per pkt., 10c.; oz. 25c.; ¼ lb. 75c.

556. **Queen of Tom Thumbs,** (Variegated foliage).

We have much pleasure in now offering this beautiful variegated Nasturtium in mixture. The colours range from the deep Crimson of the parent to yellow, buff, and spotted. Very showy. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.

PRICE: Any of the following sorts, 5c. per pkt.; oz. 15c.; ¼ lb. 40c.

557. **Golden King.** Golden yellow flowers. Very fine.

572. **Chameleon.** — Mottled crimson, bronze and yellow.

573. **Dark Crimson.** — Rich dark shade.

574. **Cloth of Gold.** — Golden leaved, flowers intense scarlet.

576. **Crystal Palace Gem.** — Sulphur, maroon spots.

577. **Empress of India.** — Dark leaves, crimson flowers.

578. **King Theodore.** — Flowers very dark.

579. **King of Tom Thumbs.** — Dark scarlet, dark leaves.

580. **Pearl** — Light Cream.

581. **Prince Henry.** — Light yellow marbled scarlet.

582. **Rose.** — Soft carmine rose.

583. **Spotted.** — Golden yellow, spotted garnet.

584. **Vesuvius.** — Salmony rose, dark foliage.

585. **Finest Mixed. — Pkt., 5c.; oz., 15c.; ¼ lb., 30c.**

Tall or Climbing Varieties

586. **Tall Ivy-leaved.** — Of strong, vigorous growth; a very attractive vine. Mixed colors. Per pkt., 10c.; oz., 20c.; ¼ lb., 50c.

587. **Tall Queen Hybrids.** (Variegated foliage).

We have much pleasure in now being able to offer a really good mixture of this charming section of **tall variegated leaved Nasturtium.** The mixture comprises 7 or 8 shades, all bright and very effective. The beautiful bright colours mixed with the variegated leaves have a grand effect when grown on arches or trellis work. Pkt., 10c.; oz., 25c.

PRICE: Any of the following sorts, 5c per pkt.; oz., 15c.; ¼ lb., 40c.

590. **Butterfly.** — Flowers frequently measuring 3 inches across. Lemon yellow, marked with red.

591. **Caprice.** — A wide range of colours and markings. Mostly rich dark shades. A single plant frequently bears flowers of more than one type; hence the name.

592. **Crimson.** — An improved form of a large flowered crimson nasturtium.

593. **Croesus.** — Primrose to orange, marked with crimson and brown red. Many large flowers.

594. **Jupiter.** — The bright green leaves are of colossal proportions, being 5 to 8 inches across. The flowers measure 3 to 3½ inches in size, and colour is a bright golden yellow, overlaid with orange in the crinkled throat.

595. **Moonlight.** — A beautiful pale straw; an exact counterpart in size and shape of Sunlight.

302. **Finest Mixed.** — Pkt., 5c.; oz., 15c.; ¼ lb., 30c.

Lobb's Climbing Nasturtiums

(Tropaeolum Lobbianum)

There is little difference between these and the tall Nasturtiums. They flower even freer, grow to the same height, and are very desirable.

603. **Hybrids of Madame Gunter.** (Lobb's). — This fine strain contains many novel colors, such as odd shades of salmon pink, rose, red, yellow, etc. Pkt., 5c ; oz., 15c.; ¼ lb., 40c.

604. **Spitfire.** — A brilliant vermilion scarlet. Per pkt., 5c.; oz., 20c.

605. **Finest Mixed.**—Pkt., 5c.; oz., 15c.; ¼ lb., 40c.

Nicotiana Affinis.

NEMESIA

606. **Strumosa Suttoni** (Improved). — One of the most beautiful annuals that has ever been introduced. It grows to a height of about 15 inches, and the variation in the colour of the flowers is one of its most interesting features. Pkt., 25c.

NEMOPHILA

607. Splendid hardy annual for garden decoration; bright colored flowers in shades of blue, white and violet. 1 foot. Per pkt., 5c.

NIEREMBERGIA

A half-hardy perennial, slender growing; plant flowering the first year if sown early; desirable for the green-house, baskets, vases or bedding out; 1 foot.

608. **Frutescens.** — White tinted with lilac. Per pkt., 10c.

NICOTIANA

609. **Affinis.** — Hardy annual, producing fragrant tube-shaped, pure white flowers; 2 to 3 feet. Pkt., 10c.; ¼ oz., 20c.

610. **Sanderae.** — Large carmine red flowers, produced in great abundance on bushy well-branched plants. 2 ft. Pkt., 10c.

611. **Sylvestris.** — A very ornamental hardy perennial, with deep green leaves, and large pure white, fragrant, drooping flowers; 4 feet. Per pkt., 10c.

NIGELLA

(Or love in a mist).

Miss Jekyll Pure White. — See page 8. Pkt., 20c.

612. **Miss Jekyll.** — Those who require plenty of long-stemmed, graceful flowers of an attractive cornflower-blue should obtain seed of this delightful variety of "Love in-a-Mist." An annual so easily grown, which produces attractive flowers and graceful foliage too, is bound to become popular. Pkt., 10c.

613. **Damascena.** — Pretty garden half-hardy annuals, with feathery green foliage on which large, double charming blue or white flowers are set, 1 to 2 ft. high. Per pkt., 5c.

NOLANA

614. A pretty trailer, bell-shaped flowers, suitable for hanging baskets, etc. Hardy annual. Grandiflora Mixed. Per pkt., 5c.

OENOTHERA

Evening Primrose. — Large showy single yellow flowers, hardy annual. 1 to 2 feet.

617. **Mixed Colors.** — Per pkt., 10c.

PASSIFLORA

618. **Grandiflora Coerula.** (Passion flower). — Indispensable climbing plants, for the garden or greenhouse, bearing a profusion of attractive flowers. Pkt., 15c.

PHYSALIS (Chinese Lantern Plant)

619. **Francheti.** — A large and ornamental variety of the Ground Cherry or Strawberry Tomato. The fruits are large, deep red in color, edible, and brilliant orange red. A very showy hardy annual; 2 feet. Pkt., 10c.

PERILLA

620. **Nankinensis.** — Ornamental foliage, plants of compact habit; similar to Coleus, with leaves of a black mulberry color; showy garden annual. 1½ ft. Pkt., 5c.

PENTSTEMON

Beautiful hardy perennial; flowers of various rich colors produced on tall spikes. Blooms profusely the same season if sown in heat during February or March. Height, 2 feet.

Weil's Grand Diploma Pentstemons. — See page 8. Pkt., 25c.

622. **Large Flowering Hybrids.** — Mixed colours. Per pkt., 10c.

POLYANTHUS Primula Elatior

Showy early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennial.

623. **English.** — The best single, all colors mixed. Per pkt., 5c.

624. **Gold Lace.** — Very showy and attractive. Per pkt., 15c.

Nigella.

PANSIES

Pansies thrive best in a cool, moist, but well-drained soil enriched with well rotted barnyard manure or fine ground bone. Seeds sown in spring in a partially shaded situation will produce fine plants for autumn flowering. The finest blooms are to be obtained however, by sowing in July or August, giving the plants protection during winter, when they will bloom profusely in the spring or summer.

Pansy "Eros."

Scotch, Exhibition Fancy. — See page 8. Pkt., $1.00.

626. **D & F's. Prize Pansy.** — Saved from a fine collection of named varieties and containing greater variety than any other strain, the best of every type being included. The flowers are large and well formed, and, for brilliancy, variety of colour, and form, are unequalled for either show or decorative purposes; mixed. Pkt., 50c.

628. **Parisian Giant Improved.** — This new strain produces very handsome, and beautiful marked flowers. They are of enormous size and in spring time often measure four inches across. The odour is also so strong, that one can fairly call it "Sweet Scented Pansy." Per pkt., 25c.

629. **Eros.** — This novelty produces flowers of a deep velvety brown color, with a broad golden yellow margin. The chief characteristic of this variety is that the back of each blossom has the same broad margin as the front, making it valuable for bedding. Pkt., 25c.

630. **Emperor Francis Joseph.** — This is a very large white-flowering Trimardeau Pansy, of dwarfer and more compact habit than any other. The flowers have mostly five large blotches of a bright violet blue, similar but superior to President Carnot. Comes quite true from seed. Pkt., 25c.

631. **Bugnot's Superb Blotched.** — Very beautiful class. Large flowers with broad blotches, many having the two upper petals finely lined; great diversity of handsomest and rarest colours. Per pkt., 25c.

632. **Giant Show.** (Improved Strain of Trimardeau); splendid mixed colours. The very best for market gardeners. Pkt., 25c.; ⅛ oz., 75c.

633. **French Large Flowering.** — Very fine mixed. All colors of French Pansies. Pkt., 10c.

635. **Good Quality, Mixed.** — Many rich colors. Per pkt., 5c.

636. **Cassier's Giant Blotched.** — Large, rich and showy. Of the popular Odier type; fine form and good substance. Plants neat and compact. Pkt., 25c.

639. **Mme Peret.** — Distinguished from existing sorts by the great diversity of colors; especially rich in red shades. Pkt., 25c.

641. **Masterpiece.**—A remarkable type, the border of each petal being conspicuously curled or waved, giving the flower a double or globular appearance. All colors mixed. Pkt., 25c.

637. **Emperor William.**—Brilliant ultramarine blue, with purple-violet eye. Pkt., 10c.

638. **Lord Beaconsfield.** — Violet, upper petals shading to white. Pkt., 10c.

642. **Bright Golden Yellow.** — Very fine for bedding. Pkt., 10c.

643. **Odier or large-eyed.** — Dark spots on petals, large eyes, showy. Pkt., 25c.

644. **Peacock.** — A striking variety; the upper petals being of a beautiful ultramarine blue, while the lateral and lower petals are of a deep claret, with white margins. Pkt., 10c.

645. **Faust, King of Blacks.** — Almost black; the darkest Pansy known. Pkt., 10c.

646. **Snow Queen (Candidissima).** — Very large, satiny white, light yellow centre. Per pkt., 10c.

647. **Giant Fire King.** — Mahogany and gold.

648. **Imported Collection.** — Six giant varieties. 60c.

649. **Imported Collection.**—Twelve giant varieties. $1.00.

Pansy, Masterpiece.

DON'T FAIL TO SEE PAGES 3 TO 8 FOR VALUABLE NOVELTIES AND SPECIALITIES.

PETUNIA

For outdoor decoration or house culture few plants equal the Petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost; easily cultivated, only requiring a good soil and sunny position. Half Hardy Annual.

Petunia Fringed Ruffled Giants.

Large-Flowering Petunias

651. **D. & F's. California Giants.** (Re-selected). — The flowers of this re-selected strain are deep throated and very large; of great excellence and variety; with striped, blotched and self-colorings, and many fine named Giant varieties and Ruffled Giants, etc. Pkt., 25c.

652. **Fringed Ruffled Giants.**—This new strain of Ruffled Giants, represents the highest type of single Petunias yet offered. The flowers are exquisitely ruffled and fringed, and are of enormous dimensions (4 to 5 inches across), but their great merit lies in the tremendous varieties of colours, markings, veinings, blotchings and stripings, in the most beautiful combinations. Small pkt., 35c.; large pkt., 50c.

653. **Large Single Fringed, Mixed.** — P. Hybrida Grandiflora Fimbriata. — Large flowers of various shades, colors and markings, all beautifully fringed. Per pkt., 25c.

654. **Large Double Fringed.** — Large flowers of perfect form and rich colors. Will produce 75% of large double flowers, in all colors, but light shades predominating, a splendid strain, superb. Per pkt., 50c.

Single Bedding Petunias

655. **Rosy Morn** (New). — Dwarf, bushy plants, bearing in great profusion brilliant rose flowers with a white throat. For greenhouse and conservatory decoration it is most effective, whilst its easy cultivation and profusion of bloom render it invaluable for growing out of doors. Pkt., 25c.

656. **Brilliant.** — A beautiful and effective variety of compact growth flowers of a brilliant carmine pink. Pkt., 25c.

657. **Snowball.** — Compact habit; flowers pure white. Pkt., 25c.

658. **Star, (Howard's).**—A beautiful variety; produces a profusion of crimson maroon flowers each having a distinct five-pointed white star. Per pkt., 15c.

659. **Inimitable Compacta.**—Bushy little plants covered with pretty striped and star-shaped flowers. Pkt., 15c.

660. **Special Dwarf Bedding Mixed.**—Select, bright colors. ¼ oz., 75c.; Pkt., 10c.

PHYSOSTEGIA

662. **Virginica Rosea Compacta.** — This flowering plant may be classed as one of the finest herbaceous plants for border and for cutting alike. It surpasses the old kind by its compact habit, its size and abundance of flowers.
Sown early in spring it will flower the first summer; perfection, however, is attained in the second year. Pkt., 20c.

PLATYCODON

Chinese Bell Flower. — Hardy perennial, bearing large, broad, bell shaped white or blue flowers; very handsome for garden decoration. 1½ feet.
663. Mixed colours.

PORTULACA

Sun Plant. — This plant will grow and bloom profusely in a dry, hot situation, where almost any other plant would soon die. Hardy annual.
665. **Single Mixed.** — Per pkt., 5c.
666. **Grandiflora.**—Splendid mixture of double varieties. Per pkt., 15c.

PUERARIA

667. **Thunbergiana.** — One of the fastest growing hardy climbing plants; grows 8 to 10 feet the first year from seed; after the first year it will grow 30 to 50 feet in a season; rosy purple pea-shaped blossoms. Pkt., 10c.

Physostegia Rosea Compacta.

PHLOX DRUMMONDII

Of all summer flowering hardy annuals the varieties of Phlox Drummondii are unquestionably one of the most brilliant and satisfactory. Seed may be sown in the open ground in May, or earlier in a hot bed; and in either case from July till frost the plants make a most brilliant show of flowers. Set plants about one foot apart; if too thick they suffer from mildew.

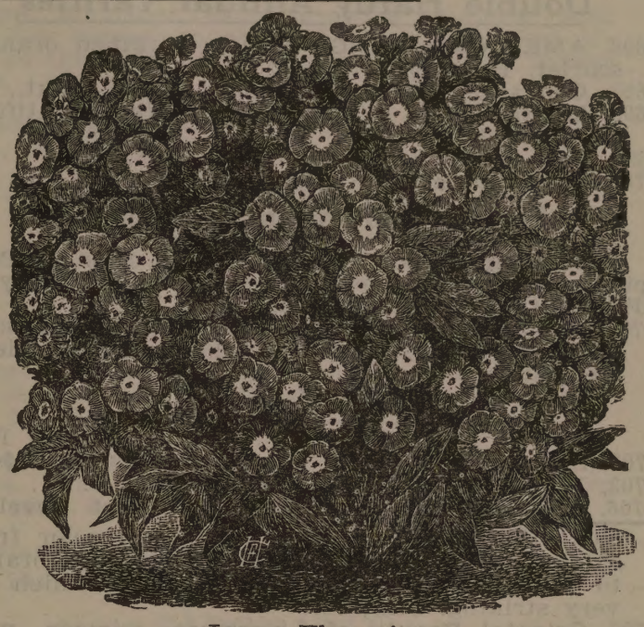
Large-Flowering Dwarf Varieties

668. **Large-flowering Cecily-Phlox.** — A splendid mixture of the Cecily-Phlox, introduced a few years ago in Europe, which, owing to the large size of its flowers and dwarf, compact growth, proved a great success. In all the finest colors. Pkt., 15c.
669. **Crimson with White Eye.** — Pkt., 10c.
670. **Fire Ball.** — Brilliant scarlet. Pkt., 10c.
671. **Pink.** — Beautiful shades. Pkt., 10c.
672. **Radiata.** (New). — Florets in the form of a five or six-pointed star, rich carmine red with 2 white stripes on each petal. Pkt., 15c.
673. **Snowball, White.** — Per pkt., 15c.
674. **Dwarf Mixed.** — Pkt., 10c.; oz., $2.00.
675. **Star Phlox** (Star of Quedlinburg).—Of dwarf habit, with very pretty star-shaped flowers. A novel, and beautiful variety; mixed colors. Per pkt., 10c.
676. **Perennial Phlox.** — Hardy herbaceous perennial, all colors mixed; saved from an unequalled collection. Per pkt., 10c.

Select Large-Flowering Fall Varieties

(Phlox Drummondii, Grandiflora)

677. **Mixed Colors.** — Per pkt., 5c.; oz., 60c.



Large-Flowering.

678. **Phlox Drummondii Grandiflora.** — The flowers of this section have round petals, and larger flowers than the old sorts. Per pkt., 10c.; oz., 85c.
679. **Alba.** — Pure white. Per pkt., 10c.
680. **Coccinea.** — **Scarlet.** — Per pkt, 10c.
681. **Isabellina.** — Yellow cream. Pkt., 10c.
682. **Shell Pink.** — Per pkt., 10c
683. **Stellata Splendens.** — Scarlet with white eye. Pkt., 10c.
684. **Imported Collection** of 12 Grandiflora varieties. 75c.

Oriental Poppy. See page 72.

POPPIES

Good annual varieties of the Poppy are numerous, ranging in size from the little Ranunculus-flowered, to the large Paeony, flowered. The plants have strong tap roots, and are difficult to transplant, it is better to sow the seed early in the spring where plants are to flower.

Single Hardy Annual Poppies

686. **King Edward.** — New large flowering single variety, color deep scarlet to crimson,, with large black blotch at base of petals. Pkt., 15c.

689. **Shirley Santa Rosa Strain.** — Seed-grown by Luther Burbank after rigid selection and acknowledged the best and most varied strain in existence. Large flowers and clear colors, including new striped, new salmon and new bluish shades. Pkt., 15c.

691. **Shirley, Finest Mixed.** — Pkt., 5c.

692. **ADMIRAL.**—A single Paeony flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. Excellent for grouping. Pkt., 10c.

693. **Danebrog.** — Large flowers of brilliant scarlet, with a silvery white spot on each petal. Pkt., 5c.

694. **Glaucum** (Tulip Poppy). — Pkt., 10c.

695. **The Bride.**—A grand pure white single Poppy. Per pkt., 5c.

POPPIES—Continued

Double Hardy Annual Varities

696. AMERICAN FLAG.—White margined orange-scarlet. Pkt., 10c.
697. Carnation Flowered.—Finest mixed. Pkt., 5c.
698. White Swan. — Immense flowers, beautifully fringed. Pkt., 10c.
699. Paeony Flowered. — Mixed. Pkt., 5c.
700. Ranunculus, or French, Mixed. — Pkt., 5c.

Hardy Perennial Varieties

Too much cannot be said of this class of Poppies, as for general effectiveness and brilliancy of display they are unequaled.

701. Bracteatum, Scarlet. — Immense orange-scarlet flowers, very similar to the oriental variety. Pkt., 10c.

Iceland Nudicaule

	Pkt.		Pkt.
702. Scarlet . . .	$0.10	704. Yellow . . .	$0.10
703. White. . . .	.10	705. Mixed. . . .	.10

706. New Hybrid Iceland. — The latest development this lovely species, varying in color from sulphur yellow through different shades of orange to chamois and salmony rose, some of which are very striking. Pkt., 15c.
707. Oriental Beauty of Livermere, crimson, with black blotch, fine large flowers. Pkt., 10c.
708. Oriental, Mrs. Marsh, fine large orange scarlet, streaked white, showy. Pkt., 15c.
709. Oriental, Mrs. Perry, orange apricot, very fine; Pkt., 15c.
710. Oriental, Mahoney, maroon shaded crimson, Pkt., 10c.
711. Oriental, Princess Victoria Louise (new), bright salmon-scarlet, very fine. Pkt., 20c.
712. Oriental, Queen Alexandra (new), bright rosy salmon, with conspicuous crimson blotch, distinct. Pkt., 15.
713. Oriental, Salmon Queen, salmon-yellow. Pkt., 15c.
714. Oriental, Rembrandt, magnificent orange-scarlet, the most gorgeous of all. Pkt., 10c.
715. Oriental, Mixed Hybrids. — Saved from a large number of named sorts. Pkt., 15c.

Primula Obconica Gigantea.

Primula Obconica

716. Obconica Grandiflora. — A profuse bloomer, bearing on long stems, head containing 10 to 15 flowers. Mixed. Per pkt., 10c.
717. Obconica Gigantea. — This new variety is the finest yet introduced; of strong, vigorous growth, with immense heads of large individual blooms; varies in color from pale lilac to rose. Pkt., 15c.

PRIMULA—Chinese Primrose

Sow from March to June for succession. Seeds are slow in germinating. When sowing press the seeds well into the soil, as they are apt to rise to the surface, especially if carelessly watered. Prick off thinly into boxes, and allow them to remain until of good size. Keep well exposed to the light to promote a sturdy growth. From first to last avoid using a close or heavy soil; or shifting them until the pots are well filled with roots. Over-potting and over-watering are the main causes of failure with this class of plant.

718. D. & F's Prize Mixed. — This mixture contains only the very finest sorts selected from the best strains. For size, substance, and beautiful colours this strain is unexcelled. Seed is grown by a specialist in England, who raises nothing but Primulas and who is renowned for having the finest Primulas in the old country. Per pkt., 50c.
720. Giant Pink. — A charming and delicate shade of this favourite colour. ½ pkt., 50c.; pkt., 75c.
721. Giant White. — The acme of perfection, and we fully believe it is the finest in its class. Very compact habit, carrying huge trusses of snow white flowers. Average size of pip 2 inches. ½ pkt., 50c.; pkt., 75c.
722. Giant Salmon. — An exquisite deep shade and most striking under artificial light. Flowers of enormous size. Splendid habit. ½ pkt., 50c.; pkt., 75c.
723. Giant Crimson. — Brilliant blood red. Very large flowers, and a splendid grower. ½ pkt., 50c.; pkt., 75c.
725. Giant Blue. — Clear bright blue flowers of the largest size. A telling variety and exceedingly pretty. Very scarce. ½ pkt., 50c.; pkt., 75c.
726. Princess May.—The flowers are of the purest white very large and of wonderful substance. ½ pkt., 50c.; pkt., 75c.
728. William's Superb Strain. — Double-Mixed. ½ pkt., 50c.; pkt., 75c.
729. Sutton's Giant Crimson, Pink, White, Mixed. Pkt., each, $1.00.
731. Stellata (Sutton's). Pkt., $1.00.

Primula Kewensis

736. This new variety is most attractive, with pleasing bright yellow flowers borne on long stems. It is delightfully fragrant and stands well as a house plant. Pkt., 25c.

Primula Forbesii

737. (Baby Primrose). — Splendid little primroses for pot culture, blooming in a few weeks after sowing and continuing for months. Per pkt., 25c

Primula Floribunda

739. Of the same general character as Obconica, differing only in color of the flower, which is a lovely shade of yellow. Per pkt., 25c.

Hardy Primroses

These are amongst the best of the early spring blooming plants.

741. Cashmeriana. — Rosy lilac, earliest, beautiful. Per pkt., 25c.
742. Cortusoide Amoena Grandiflora. — Charming variety; mixed colors. Per pkt., 15c.
743. Japonica Hybrid. — See page 8. Pkt., 25c.
744. Japonica (Japanese Primrose). — Bright and showy flowers, borne in worls on stems 6 to 9 inches; mixed colors. Per pkt., 10c.
745. Vulgaris (English Primrose). — Flowers fragrant, canary yellow color. Per pkt., 25c.

Ricinus Cambodgensis

PYRETHRUM

Handsome herbaceous plants of easy culture. "P. Aureum" is the well known Golden Feather so much used for carpet bedding edging, etc. "P. Hybridum" and varieties are amongst the handsomest of hardy flowering herbaceous plants.

747. **Aureum.** (Golden Feathers). — Bright yellow foliage. Per pkt., 5c.; oz., 50c.

748. **Hybridum.** — Hardy perennial, bearing large Aster-shaped flowers, ranging in colors from light pink to deep red, with bright yellow centres; 2 ft. Per pkt., 10c.

750. **Hybridum Fl. Pl.** — Large flowering double mixed. Beautiful colors, 1½ ft. Pkt., 15c.

New Comet Flowered. — See page 9. Pkt., 25c.

RUDBECKIA

751. **Bicolor Superba.** — A garden annual about 2 feet high, long-stemmed golden yellow flowers with maroon spots, effective and fine for cutting. Per pkt., 10c.

752. **Newmani.** — Hardy perennial. Flowers golden yellow, with dark maroon centre. 3 ft. Pkt., 10c.

753. **Purpurea.** — Reddish purple flowers during summer. 3 ft. Hardy perennial. Pkt., 10c.

RHODANTHE

755. **Manglesi.** — The section of garden annuals popularly known as everlastings embraces many very beautiful flowers among which none are more desirable for garden or pot culture than Rhodanthe Manglesi, also called Helipterum Manglesi, furnishes a profusion of lovely pink and white blossoms throughout the midsummer season when such are most needed in the border. There should be a place in every garden for Rhodanthe Manglesi. Hardy annual. Pkt., 10c.

756. **Mixed Varieties.** Pkt., 5c.

RICINUS Castor Oil Plant

Large, luxuriant, rapid growing annuals, with palm like leaves; much used for sub-tropical effects on the lawn or for centres of beds of foliage plants.

758. **Borboniensis.** — 15 feet. Immense foliage. Per pkt., 5c.; oz., 20c.

759. **Cambodgensis.** — Leaves bronzy maroon, with red veins, stems black. Per pkt., 5c.; oz., 20c.

760. **Gibsoni.** — Branching habit, deep red foliage. Pkt., 5c.; oz., 20c.

761. **Zanzibariensis.** — Surpasses all in size and beauty of colors, which include glaucous green, coppery brown, metallic red, brownish purple, red-maroon and bronze, 8 to 15 feet. Per pkt., 5c.; oz., 20c.

762. **Philippensis.** — A variety from the Philippines, with beautiful gigantic foliage. 10 feet. Per pkt., 5c.; oz., 20c.

763. **Mixed.** — Many choice varieties. Per pkt., 5c.; oz., 15c.

SAPONARIA

764. **Calabrica.** — Dwarf annual with small pink starry flowers borne in profusion; excellent for edgings or small beds. 1 foot. Pkt., 10c.; oz., 30c.

765. **Alba,** White. Pkt., 10c.

766. **Ocymoides.** — A pretty hardy perennial, suitable for rockwork. Pkt., 5c.

Schizanthus. See page 74.

The Salpiglossis offered on page 9 represent the highest development in this flower to date.

SALPIGLOSSIS

The flowers are singularly marked and delicately pencilled, in shape they resemble the Petunia. Hardy annual.

769. New Emperor. — A new type having only one main stem, and bears on its summit a large number of beautiful flowers, each one richly veined with gold, and of immense size. Pkt., 10c.

770. Large Flowering Mixed. — A splendid variety of colours, flowers of large size. Per pkt., 5c.

SALVIA

Well-known, bushy garden plants, about three feet high, producing in the fall immense quantities of dazzling scarlet flowers, very effective for beds and massing on the lawn. Blooms the first season from seed. Tender perennial.

Canary Bird. — See page 9. Pkt., 25c.

Azurea Grandiflora. — See page 9. Pkt., 15c.

773. Ball of Fire.—A compact type of Scarlet Sage and popular for beds or borders requiring a variety dwarfer in habit than the regular Scarlet Sage or the variety "Bonfire." Pkt., 15c.

774. Salvia, "Zurich." — One of the best novelties of recent years. Compact and rather dwarf of growth, this grand new Salvia produces thick flower-spikes as early as July 15, and stays in bloom until the frost kills it, increasing in brilliancy and size as its growth progresses. Pkt., 15c.

775. Bonfire. — A splendid dwarf variety, with large, erect spikes of rich scarlet flowers. Height, 2 feet. Pkt., 10c.; oz., $3.00.

776. Glory of Stuttgart. — Brilliant scarlet. Pkt., 10c.

777. Patens. — Flowers bright blue; of large size; 2 feet. Per pkt., 10c.

SCHIZANTHUS

780. Schizanthus Wisetonensis. — Produces flowers in the greatest profusion. Colours vary considerably, from almost white with a yellow eye to a full rose with bronzy brown centre. An elegant pot plant, per pkt., 50c.

To obtain basket plants ,cuttings may be taken or seeds sown in September and the young plants grown on in a cool house. When a few inches high they may be arranged in the baskets and still grown on along with other plants for early spring flowering. They will continue to bloom for many weeks.

Scabiosa.

Salpiglossis.

781. Sutton's Large - flowered Compact Hybrids, Mixed colours. Pkt., 80c.

SCABIOSA

(Mourning Bride, or Sweet Scabious)

One of our handsomest summer border plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc. Seed can be sown any time in the spring after danger of frost is past. Hardy annual.

Azure Fairy. — See page 9. Pkt., 15c.

783. Tall Double.—All colors mixed; 2 ft. Per pkt. 5c.; oz., 30c.

784. Dwarf Double. — All colors mixed; 1 foot. Per pkt., 5c.; oz., 30c.

785. Double White. (Snowball). — 2 feet. Pkt., 10c.

Imported Collection. — Six double varieties, 30c.

Imported Collection. — Twelve double varieties, 50c.

786. Pompadour. — Produces enormous spherical blooms. The petals are large, black-purple in the centre, and pure white from the centre to the edge. 2 ft. Pkt., 10c.

787. Caucasica Perfecta. — A new marvellous variety with large, mostly semi-double flowers of a noble form and a soft pale blue colour varying to the darkest colours, hardy perennial. Per pkt., 25c.

SENSITIVE PLANT

790. Curious annual; the leaves instantly close up when touched. A neat plant for either pot, or garden culture. 2 feet. Pkt., 10c.

SILENE

791. Pendula Compacta.—An effective garden hardy annual, forming compact, round bushes, 6 inches high, which, during the summer, are covered densely with flowers of white pink or red. For low beds or edgings it is very pretty. Mixed, single and double. Pkt., 10c.

SMILAX

793. A popular and well-known climber, foliage of a dark glossy green, used largely with cut flowers, wreaths, etc. Excellent for parlor or window culture. Per pkt., 10c.; oz., 50c.

SHAMROCK

800. **True Irish.** — This is the genuine Shamrock, and is gathered by a connoisseur on the native land; an excellent pot-plant. Pkt., 10c.

SOLANUM

801. **Capsicastrum** (Jerusalem Cherry). — There is always a demand for red berried plants around Christmas and this is the most popular of all. Sow early to get good sized plants. Pkt., 10c.

802. **Fra Diavolo.** — A new variety of dwarf, compact growth, with smaller foliage and fruit than the type. Pkt. 15c.

STOKESIA

803. **Cyanea.** — One of the most beautiful of our hardy native flowers, grows about 24 inches high, each plant bearing from 20 to 30 handsome lavender blue corn-flower-like blossoms; in bloom from July till frost; most durable. Per pkt., 15c.

STEVIA

804. **Serrata.** — Free-blooming plants, bearing a multitude of fragrant pure white flowers; suitable for summer or winter blooming; largely used for cutting. Greenhouse perennial. Per pkt., 10c.

THUNBERGIA

805. **Black-Eyed-Susan.** — Elegant half-hardy annual climber for greenhouses suspended baskets, and sunny position in the open ground 4 ft. Mixed colors. Pkt., 10c.

Dwarf Ten Weeks Stocks.

STOCKS (Gilliflower)

Stock, Giant Nice Abundance.

D. & F's Large Flowering Dwarf ten weeks

Hardy Annual. — The seed we offer is from pot-grown plants and will produce 90 per cent large double flowers. Hardy annual.

808. **Choicest Mixed.** — All colors. Pkt., 10c. ⅛ oz., 50c.
809. **Blood Red.** — Pkt., 10c.; ⅛ oz., 50c.
810. **Light Blue.** — Pkt., 10c.; ⅛ oz., 50c.
811. **Bright Rose.** — Pkt., 10c.; ⅛ oz., 50c.
812. **Purple.** — Pkt., 10.; ⅛ oz., 50c.
813. **White.** — Pkt., 10c.; ⅛ oz., 50c.
814. **Yellow.** — Pkt., 10c.; ⅛ oz., 50c.
815. **One pkt. each of the above 6 colors,** 50c.
816. **Imported Collection.** — 12 varieties, 80c.

D. & F's Winter Flowering Stocks

It may be taken for granted that nearly all growers of cut flowers are acquainted with this splendid class of Stocks, so valuable for forcing. They produce long trusses of extremely double flowers and can be cultivated either as a Summer or a Winter Stock; by sowing early in June they may be had in flower by Christmas.

819. **Beauty of Nice.** — Flesh pink. Pkt., 15c.
820. **Queen Alexandra.** — Rosy lilac. Pkt., 15c.
821. **Crimson King.** — Fiery crimson. Pkt., 15c.
822. **Mont Blanc.** — Pure white. Pkt., 15c.
823. **Monte Carlo.** — Pure yellow. Pkt., 15c.
824. **Almond Blossom.** — White, shaded carmine. Pkt., 15c.
825. **Abundance.** — Carmine rose, dwarf. Pkt., 15c.
826. **Empress Elizabeth.** — Carmine rose, not quite as early as the above; splendid for pots. Pkt., 15c.
827. **Giant Perpetual Empress Augusta Victoria.** — Delicate silvery-lilac, surpassing in beauty by far all other light blue shades. Height, 24 inches. Pkt., 15c.
828. **White Lady.** — New. Pure white. Same habit as Empress Elizabeth. Pkt., 25c.

Collection one packet each of the above nine varieties, $1.25.

D. & F's Improved Cut-and-Come-Again.

These splendid Stocks will flower continuously through the summer if sown early.

830. **Princess Alice.** — White. Pkt., 10c.
831. **Pink.** — Pkt., 10c.
832. **Crimson.** — Pkt., 10c.
833. **Canary Yellow.** — Pkt., 10c.
834. **Dark Blue.** — Pkt., 10.
835. **Mixed.** — Pkt., 10c.

GRANDIFLORA SWEET PEAS

FOR NEWER VARIETIES. See pages 9, 10 and 11.

836. **D. & F's. Superb Mixed.** — In offering this superb mixture we can confidently claim that it has no superior in the market to-day. Extraordinary care has been taken in the selection of the varieties and the quantities of each to make up the mixture, and the result is one that cannot fail to excite the admiration of even the most critical. Only those varieties representing the ideal type of flower, stem and color have been selected, and they are mixed in such proportions as to give a perfect blend of color. Pkt., 10c.; oz., 25c.; ¼ lb., 60c.; lb., $2.00.

837. **Apple Blossom Spencer.** — Rose and blush-pink.

838. **America.** — Crimson-scarlet, striped on white.

839. **Aurora.** — Orange-rose, striped on white.

840. **Blanche Ferry.** — Extra-early; pink and white.

842. **Captain of the Blues.** — Standard purple blue, wings bright blue.

843. **Dainty.** — White, with pink edge.

844. **Dorothy Eckford.** — Fine pure white; large.

846. **Flora Norton.** — A new variety, bright sky blue.

847. **Hon. Mrs. S. Kenyon.** — Primrose; a very excellent sort.

848. **Janet Scott.** — Deep bright pink.

850. **King Edward VII.** — Scarlet; very large.

851. **Lady Grisel Hamilton.** — Standard mauve wings lavender; flowers extra large.

856. **Navy Blue.** — Standard indigo and violet, wings indigo, shading to navy-blue and bright blue.

859. **Prima Donna.** — The softest clear pink self.

PRICE: Any of the above 5c. per pkt.; 10c. per oz.; 30c. per ¼ lb.; $1.00 per lb.

Dwarf Cupid Sweet Peas

868. **Cupid Mixed.** — Contains many new, varieties. Pkt., 5c.; oz., 10c.

Sweet William.

SWEET WILLIAM

Well-known hardy biennial, producing large heads of rich and beautifully colored flowers, which make an imposing display.

Scarlet Beauty. — See page 9. Pkt., 25c.
Pink Beauty. — See page 9. Pkt., 15c.
870. **Single Mixed.** — All colours. Pkt., 5c.

871. **D. & F's. Improved Auricula Eyed.**—The old fashioned garden flower of which it is difficult to procure a really good strain. Our improved variety is the finest on the market; it is single and produces good trusses of large, round, individual blooms, with smooth edges and rich, well defined markings while a large proportion of the flowers show the rather rare blue shade of coloring. Pkt., 10c.

872. **Choice Double Mixed.**—Improved extra special strain. Per pkt., 10c.
Imported Collection of 6 varieties, 50c.

SWEET ROCKET

873. The Sweet Rocket is a very hardy perennial, bearing clusters of single flowers, which are fragrant during the evening. Colors purple and white. The plant, with fair culture, will grow 2 to 3 feet high. Seed will germinate readily in open ground. Excellent for naturalizing among shrubbery or for planting in a permanent border; mixed colours. Pkt., 10c.

SUNFLOWER

The larger varieties are useful in forming backgrounds of large beds or borders and for distant effects, while the smaller sorts may be planted with scarlet salvia, cannas and other tall bedding plants, also furnishing good cutting material. Hardy annuals.

Starlight. — See page 10. Pkt., 15c.

875. Chrysanthemum Flowered.—Grows seven feet high. Perfectly double; the color is the brightest golden yellow. The flowers are so perfect in form that they resemble very double Chrysanthemum-flowered Asters with long stems. Per pkt., 10c.

876. Stella. — Attains a height of 3 to 4 feet. The individual flowers, 2½ to 3 inches across, of the purest golden yellow with a black disc, are all borne on long stems and rise well above the lovely small green foliage. Pkt., 10c.

877. Globosus Fistulosus. — Large double yellow flowers; 5 feet. Pkt., 5c.

878. Henry Wilde. — Yellow, dark centre; 6 feet. Pkt., 10c.

879. Miniature. — Golden yellow; 3 feet. Pkt., 10c.

880. Manus, Fl. Pl. — Double yellow; 3 feet. Pkt., 5c.

881. Orion. — 3 to 4 feet high; flowers golden yellow with black disc, the petals being twisted like those of a single Cactus Dahlia. Pkt., 10c.

882. Silver-leaved, (Argophyllus), Single. — Yellow with black disc, silvery foliage; most effective; 5 feet. Pkt., 10c.

883. Perennial Mixed. — Contains the finest single-flowering hardy perennial sorts. Seeds sown early will produce flowering plants the first year; as subjects for the hardy border as well as for cutting they are of great value.

VERBENA

One of our most valuable bedding plants and worthy of greater cultivation. They are half-hardy perennials but are generally grown as annuals. Seed should be started in gentle heat in February or March, and plants transplanted in open ground in May or June. If sown outdoors in May, it blooms from the end of July on.

D. & F's Mammoth Fancy

Hybrida Gigantea. — See page 10. Pkt., 20c.

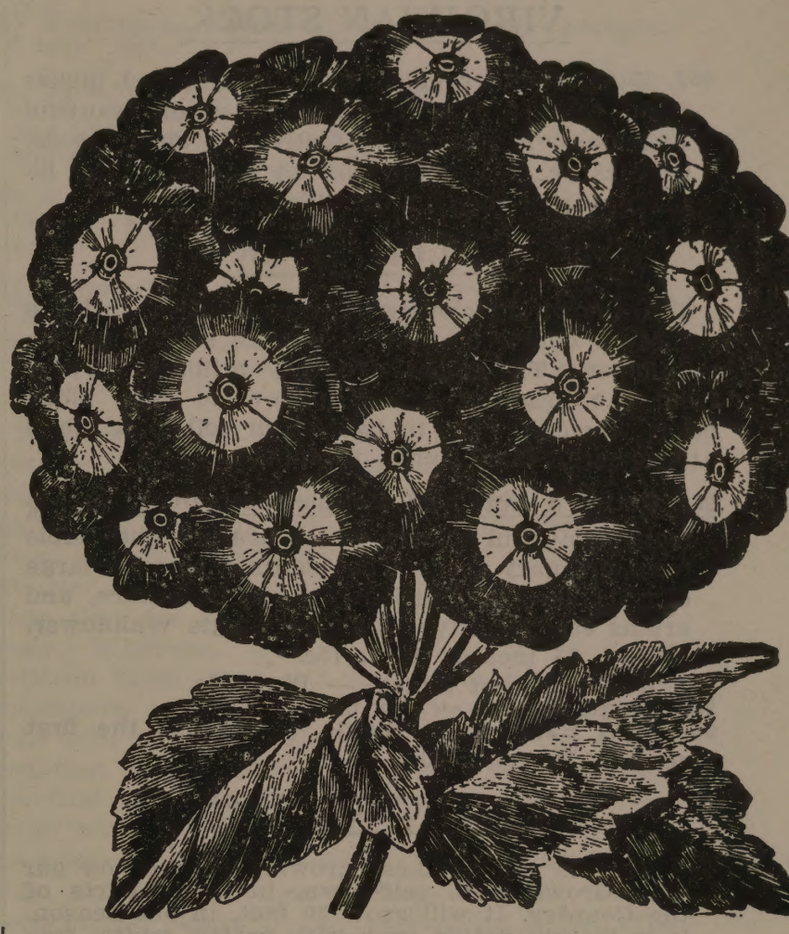
885. Blue. — Pkt., 10c.
886. Pink. — Pkt., 10c.
887. Purple. — Pkt., 10c.
888. Scarlet. — Pkt., 10c.
889. Striped. — Pkt., 10c.
890. White. — Pkt., 10c.
891. Yellow. — Pkt., 10c.

892. D. & F's. Mammoth Mixed. — Pkt., 10c.

896. Lemon-Verbena (Aloysia Citriodora).—Every garden should have a few plants of this fragrant favorite. Its pale green foliage goes well with any flower. Per pkt., 10c.

897. Tom Thumb. — Dwarf and compact, not exceeding 6 in. in height; flowers well-formed of various beautiful colors; finest mixed. Per pkt., 10c.

898. Venosa (Hardy Garden Verbena). — This variety is largely used for bedding purposes. It is a strong, thrifty grower, about one foot high, and covered from early summer until late fall with its bright purplish-heliotrope flowers. Pkt., 10c.



Mammoth Verbena.

VALERIANA

918. Finest Mixed (Garden heliotrope). — Hardy perennial. Pinnate foliage and panicles of flowers, with odor of heliotrope. 5 feet. June and July. Pkt., 5c.; oz., 30c.
919. Red. — Pkt., 10c.; oz., 50c.
920. White. — Pkt., 10c.; oz., 50c.

VERONCA

921. Spicata. — An elegant hardy perennial border plant, growing about 18 in. high, bearing "all summer long" spikes of bright blue flowers, which lengthen with age. Per pkt., 10c.
922. Spicata Alba, White. — Pkt., 10c.

VINCA

The Annual Periwinkle from Madagascar. Fine for conservatory, parlor windows and borders or beds; very pretty. It is best to start the seeds indoors or in a hot bed in March.

923. Alba. — White. Per pkt., 10c.
924. Rosea. — Rose. Per pkt., 10c.
925. Mixed. — Per pkt., 10c.

VIOLA OR TUFTED PANSIES

These favourite Spring-flowering plants have been of late greatly improved. Nothing can surpass them for beauty and effectiveness when tactfully arranged in partially-shaded beds or ribbon borders.

945. Mauve Queen. — Rich mauve, very free. — Pkt., 10c.
946. Perfection. — Large, deep violet. Pkt., 10c.
947. White Perfection. — Pure white. Pkt., 10c.
948. Golden Yellow. — Pkt., 10c.
949. Rose. — Small pink flowers, very free bloomer and useful for edging. Pkt., 15c.
950. Scotch Strains. — Choicest and newest bedding hybrids mixed. Pkt., 20c.

VIRGINIAN STOCK

952. Early summer hardy annuals, about 9 inches high, covered with a dense mass of beautiful blossoms. Extremely effective in small beds, baskets or edging. Sowings at intervals may be made during the summer. Pkt., 10c.

WALLFLOWER

Well-known deliciously fragrant plants with large spikes of double and single flowers similar to the gilliflower. The colors, are very brilliant varying from the brightest golden yellow to deep blood color. Succeed best in light, rich soil in a moist atmosphere. Half hardy perennials.

956. **Sutton's Improved Double German,** including many beautiful colours which are not obtainable from ordinary seed. The plants throw up large dense spikes of deliciously scented flowers, and are as easily cultivated as the Single Wallflower. Height, 18 inches. Pkt., 75c.

957. **Double Finest Mixed.** — Pkt., 10c.

958. **Single Mixed.** — Per pkt., 5c.

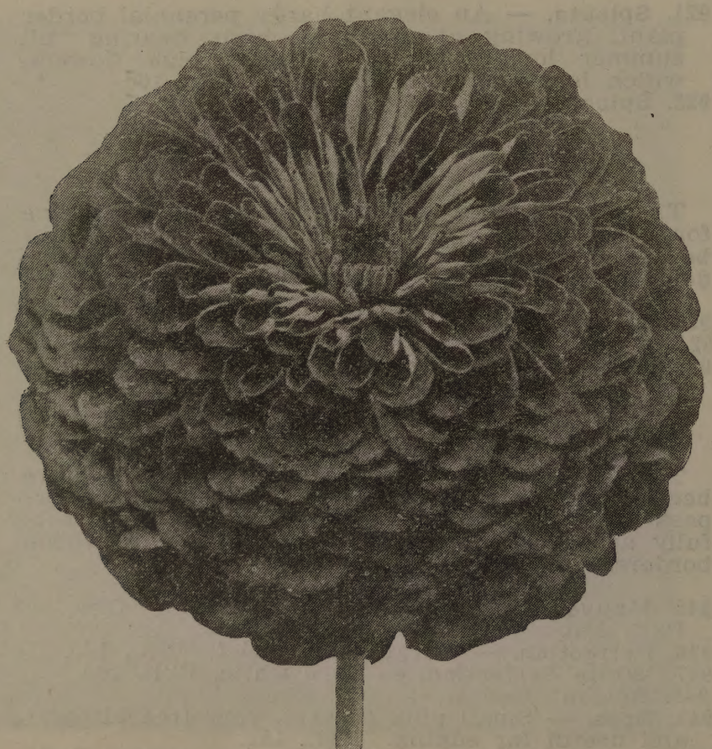
959. **New Early Paris Single.** — Blooms the first season. Per pkt., 10c.

WILD CUCUMBER

961. This is the quickest growing climber on our list. Grows wild, self-sown, in many parts of the Country. It will grow 30 feet, in one season. It is thickly dotted over with pretty, white, fragrant flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree or an unsightly building. Per pkt., 5c.; oz., 40c.

XERANTHEMUM

963. One of the oldest everlastings; the flowers retain their color and form longest of all. Mixed colors. Per pkt., 5c.



Giant Zinnia. See page 10.

ZINNIA

This is one of the finest summer flowering plants. The flowers are large, handsome, finely formed, and in great variety of colors. Seed sown early, under glass will commence flowering early in the summer and continue the whole season. They require but little attention, but plenty of room — should have at least eight inches each way; any common garden loam. Annual.

D. & F's Double Large Flowering

These indispensable garden annuals are now greatly improved. The plants form handsome, compact bushes 2 feet in height, with large, perfectly formed double flowers.

965. **Large-Flowering Zinnias, Mixed Colors.**—Pkt., 10c.

966. **Salmon-Rose.** — Pkt., 10c.

967. **Crimson.** — Pkt., 10c.

968. **Orange.** — Pkt., 10c.

969. **Yellow.** — Pkt., 10c.

971. **White.** — Pkt., 10c.

972. **Purple.** — Pkt., 10c.

One pkt. each of the above 6 colors, 50c.

Assortment of 12 Double Varieties, $1.00.

Lilliput Zinnias

Uncommonly pretty, thickly branching little plants, about a foot high. They fairly bristle with tiny, short-stemmed, very double flowers, hardly exceeding a large daisy in size. They may be used with success in pots as well as for groups and edgings.

973. **Scarlet Gem.** — Pkt., 10c.

974. **White Gem.** — Pkt., 10c.

975. **Golden Gem.** — Pkt., 10c.

976. **Lilliput Mixed.** — Pkt., 10c.

Zinnia Double Mexican Hybrids

978. This new race makes little oval bushes not over 1 foot in height, which are literally covered throughout the summer with densely double bell like flowers of various colors; cream, orange-yellow, red, etc. Pkt., 15c.

The "WILDFLOWER" and Children's Garden Seed Mixture

979. In this mixture will be found some of the choicest annuals imaginable. For beautifying at a minimum cost, nothing approaches Wild Flower Seeds for effect and cheapness. No care is necessary, and with so many varieties, a never ending variety and succession of bloom is afforded. The flowers are in evidence from early summer until frost yielding a wealth of bloom and fragrance. For naturalizing purposes for use by woodland walks, etc., this is the best and cheapest way of attaining the effect desired. Splendid mixture of more than 100 varieties. Large pkt., 10c.

We offer a number of splendid Novelties and Specialties in Flower Seeds. See page 3 to 14.

Pennisetum Rueppelianum.

ORNAMENTAL GRASSES

Suitable for mixed borders and ornamental gardening also, when dried, for winter bouquets and decorations.

980. **Agrostis Nebulosa** (Cloud Grass). — An airy and graceful annual Grass, grows 18 inches high and looks like a line of mist when in bloom. Beautiful to mix with cut flowers. Pkt., 10c.

981. **Briza Maxima.** (Quaking Grass). — Pretty for bouquets; annual; 1 ft. Pkt., 5c.

982. **Coix Lachryma.** (Job's Tears). — Pkt., 5c.

983. **Eragrostis Elegans.** — (Love Grass). — One of the best grasses for mixing with flowers. Pkt., 10c.

984. **Erianthus Ravennae.** — Extremely graceful. 8 feet. Pkt., 10c.

985. **Gynerium Argenteum.** (Pampas Grass).—Well-known magnificent grass, with flower-spikes 10 feet high; roots should be kept from frost during winter. Perennial. Per pkt., 10c.

986. **Pennisetum Longistylum.** — Extremely graceful greenish-white plumes; excellent for beds; annual; 2 feet. Pkt., 10c.

987. **Pennisetum Rueppelianum** (Purple Fountain Grass). — A beautiful variety, growing about 3 feet high, producing long, graceful green foliage and cylindrical purplish plumes. The ideal plant for a Canna Bed. Pkt., 10c.

There is nothing for a Canna bed finer or more suitable than either P. Longistylum or P. Ruppelianum. The one mistake, however, frequently made is in planting too closely. Whenever this is done, the plants will grow tall and spindly, and go over in a heavy wind; this usually happens when they are at their best, full of plumes, most likely. Whereas, when given 15-18 in. of space between them, they will grow into short, stocky specimens, look every bit as attractive and hold their own against anything the Cannas can stand, and that is good enough. Sow seed not later than the first of February. The seedlings do not make much headway while small, and in order to have good heavy plants for bedding out by the 24th of May, sufficient time should be allowed. If one has good strong plants of Cannas to plant a bed with, the Border to go around the plants should also be of fair size. Spread the seeds lightly over a mixture of sandy soil and just cover them; anything heavy will cause them to rot. Transplant the tiny seedlings and later pot them up. Avoid a temperature over 55 degrees, for you don't want long, straggly stock.

988. **Stipa Pennata.** (Feather Grass). — Perennial beautiful, delicate, white, feathery bloom; flowering the second season; 2 feet. Per pkt., 5c.

BEDDING PLANTS

Abutilon. — In variety. $1.50 doz.
Achryranthus. (Red Foliage). — 75c. doz.
Ageratum, blue. — 75c. doz.
Alternanthera, of sorts. — 75c. doz.
Alyssum, Double. — 75c. doz.
Antirrhinum. — 25c. doz. and 50c. per doz.
Asters, assorted colors. — 25c. doz. and 50c. per doz.
Balsams. — 25c. doz. and 50c. per doz.
Begonias, sorts. — $2.00 doz.
Bridal Rose. — $1.50 doz.
Cannas, in best named varieties. — Each, 25c.; doz., $2.00.
Caladium. — Each, 25c.; doz., $3.00.
Carnations. — Choice Varieties. Each, 15c.; doz., $1.50.
Calendula. — 25c. doz. and 50c. per doz.
Centaurea Gymnocarpa. — $1.00 doz.
Cobaea Scandens. — $1.50 doz.
Coleus. — $1.00 doz.
Dahlias, Cactus, Show, Fancy, etc. — In named varieties. Each, 25c. to 60c.
Dianthus. — 25c. doz. and 50c. doz.
Feverfew. — 50c. doz.
Fuchsias. — $2.00 doz.
Geranium, sorts. — $1.50 doz.
Heliotrope, sorts. — $1.50 doz.
Hollyhock. — $2.50 doz.
Lobelias, sorts. — 60c. doz. and $1.00 doz.
Marigold, sorts. — 25c. and 50c. doz.
Mignonette. — 75c. doz.
Moon-Flower. — Popular climbing vine, grows rapidly, making dense shade, white flowers. $1.00 doz.
Nasturtium, sorts. — 75c. doz.
Pansies, Large; mixed. — 80c. to $1.00 doz.
Petunia, Single; sorts. — $1.00 doz.
Petunia, Double; sorts. — $2.00 doz.
Phlox Drummondii. — 25c. and 50c. doz.
Pyrethrum (Golden Feather). — 25c. doz. and 50c. doz.
Ricinus in Variety. — 75c doz.
Salvia, Scarlet. — $2.00 doz.
Salpiglossis. — 25c. doz. and 50c. per doz.
Stocks. — 25c. doz. and 50c. per doz.
Verbenas, Finest. — $1.00 doz.
Zinnias, sorts. — 25c. doz. and 50c. per doz.

In addition to above list, many other varieties can be furnished.

SUMMER FLOWERING BULBS

TUBEROUS ROOTED BEGONIAS

Seedlings from a most up to date strain perfect in habit, with large fine formed flowers.

	Each	Doz.	100
Single Crimson	$0.10	$0.75	$3.75
" Scarlet	.10	.75	3.75
" White	.10	.75	3.75
" Yellow	.10	.75	3.75
" Pink	.10	.75	3.75
" Mixed	.10	.60	3.25
Double Crimson	.15	1.50	8.00
" Scarlet	.15	1.50	8.00
" Pink	.15	1.50	8.00
" White	.15	1.50	8.00
" Yellow	.15	1.50	8.00
" Mixed	.15	1.25	7.50

Single-Frilled Tuberous Rooted Begonias

Very large single flowers, the petals wavy and beautifully frilled. Similar to the newer forms of Petunias. Strong bulbs in scarlet, white, pink and yellow. Each, 15c.; doz., $1.25.

Double-Fringed Tuberous Begonias

The individual flowers of large size, full double form and brilliant color, the edges of the petals deeply cut or serrated, adding a most desirable character of lightness to the flower. We offer three distinct colors — white, rose and scarlet. Each, 25c.; doz., $2.50.

The Hybrid Tuberous Begonias

Duke Zepplin and Lafayette

These two new double Hybrid Tuberous-rooted Begonias are both of unusual merit, and in color, when grown either as pot-plants or planted in partially shaded positions, are an intense scarlet, rivaling the Salvia Splendens and flowering continually the whole summer. Both varieties are of the dwarf habit, reaching a height of only about 10 to 12 inches; very sturdy. They are continuous bloomers, standing up their numerous spikes of flowers well above the foliage from June till late fall, when frost overtakes them.

Duke Zepplin. — Intense pure vermilion-scarlet. Each, 15c.; doz., $1.50; 100, $12.00.

Lafayette. — Rich brilliant crimson scarlet. Each, 20c.; doz., $2.00; 100, $15.00.

APIOS TUBEROSA

Tuberous-rooted Wistaria. — Clusters of rich deep purple flowers, which have a strong, delicious violet fragrance. Hardy climber. Price 10c. each; 75c. per doz.

CALADIUM ESCULENTUM

ELEPHANT'S EAR.

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn. Very frequently used as border plant about suburban residences, where their large, rich green leaves afford an excellent embellishment when contrasted with the colors of the dwellings. Leaves often measure 3 to 4 feet long and 2½ feet wide. First-size bulbs, 15c. each; $1.25 per doz. Mammoth-size bulbs, 25c. each; $2.50 per doz.

CINNAMON VINE

Beautiful summer climber; glossy foliage and fragrant flowers; stem dies down in winter, but the root is hardy. Large selected roots, 5c. each; 50c. per doz.

Frilled Begonia.

GLOXINIAS

New Giant Flowering Hybrids

Beautiful tuberous rooted plants of dwarf habit and one of the most useful pot plants for indoor culture. Flowers are trumpet-shaped, borne erect above the leaves and of exceedingly rich coloring and marking, ranging from deep scarlet to violet blue.

Use part leaf mould and sand in potting, as they like a light soil. Be careful in watering so as not to wet the leaves, otherwise they will spot and the plant will lose part of its beauty. Mixed colors, each 15c.; doz., $1.50.

CYCLAMEN

These are amongst the most beautiful and interesting winter and spring flowering bulbs for the window and greenhouse. Giganteum Mixed, 25c., each; $2.00 per doz.

HYACINTHIUS CANDICANS

(SUMMER HYACINTHS)

Splendid bulb for planting in the perennial border, being perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, borne on stalks four feet high. Plant in rear on account of tall growth. Each, 5c.; 3 for 12c.; per doz., 45c.

MADEIRA VINE

CLIMBING MIGNONETTE.

A beautiful and popular vine, covering a large space in a short time. Fleshy heart-shaped leaves of a light green, and numerous racemes of feathery flowers of delicious fragrance. Protect with litter in this latitude. 5c. each; 40c. per doz.; by mail, 10c. per doz. extra.

MONTBRETIAS

One of the brightest and best of Summer flowering bulbs. Plant in clumps of six to twelve bulbs in May or June. They greatly resemble the Gladioli in growth and produce beautiful spikes of star-shaped flowers in various shades of orange, yellow and red. Mixed varieties. 3 for 15c.: per doz., 50c.; 100 for $3.00, postpaid

DAHLIAS OF SPECIAL MERIT

12 FINEST DECORATIVE DAHLIAS

Clifford W. Bruton. — The best yellow; immense size, perfect form; finest canary yellow. The standard cut-flower variety.

Delice. — The finest pink Decorative Dahlia, color suffused with lavender-pink; perfect in form and habit, producing flowers on long, stiff stems; invaluable for cutting. This variety should appeal to every lover of flowers on account of the delicate color. Each, 40c.; Doz., $3.50.

Frank L. Bassett. — Bright royal purple, shading to blue. An extremely early and profuse bloomer of dwarf, branching habit.

Flora. - One of the best whites. The pure, glistening white is not disturbed by the least suggestion of green; the flowers are always perfect, on extremely long, erect stems, and literally cover the 5-foot plant over its entire surface.

Jack Rose. — Rich shade of crimson; full to the center. Plant of sturdy growth, producing an abundance of blooms on stout stems well above the foliage. Very fine for exhibition, and as a cut-flower.

Kaiserin Augusta Victoria. — One of the best white Decorative Dahlias yet introduced. This variety grows about 30 inches; of strong, erect growth producing blooms in great profusion, on erect, stout stems well above the foliage.

Lyndhurst. — One of the best bright scarlets; invaluable for cutting; large, perfectly full-centered flowers with long stems, borne well above the foliage.

Miss Minnie McCullough. — A superb variety. The color is a very soft yellow, overlaid with bronze; very handsome under artificial light; one of the best as a cut-flower.

Madam Van den Dael. — Of immense size and beautiful form. Shell-pink, with deeper markings. It can best be described as an immense-flowered "Nymphaea," flowers often measuring 6 to 7 inches in diameter.

Sylvia. — Best described as a giant Nymphia. Flowers 4 to 6 inches in diameter; of fine form and full to the center. White, shaded to soft pink on the outer petals. Valuable cut-flower for long-distance shipments.

Virginia Maule. — White, delicately suffused shrimp-pink; strong, vigorous grower, and flowers of beautiful form. This is one of the most delicate and chaste varieties we have, and as a garden plant we know of no variety that is more stately. Each, 40c.; Doz., $3.50.

Yellow Duke. — Pure canary-yellow, of an enormous size, measuring from 6 to 7 inches in diameter.

Price, except where noted, of any of the above in strong roots, 25c. each; per doz., $2.50.

PEONY-FLOWERED DAHLIAS

This new type of Dahlias originated in Holland, and has become very popular. The flowers are very large, and resemble somewhat the semi-double Peony in form. The petals are very peculiarly twisted and incurved, and the flowers are produced on extra-long stems, making them invaluable for cutting or garden decoration. We cannot recommend this new class of Dahlias too highly.

Glory of Groenekan. — Extra-large flower; orange-yellow; carried on long stems.

Paul Kruger. — Has three ranges of petals, striped white and red; very handsome; long stems.

Queen Emma. — A charming shade of hollyhock-pink, the inner petals banded with gold. A beautiful variety.

Decorative Dahlia,

Queen Wilhelmina. — Immense fluffy flowers of pure white, with yellow centre; makes a handsome flower for decoration.

Price of any of the above in strong roots, 35c. each; per doz., $3.50.

12 Finest Show and Fancy Dahlias

Agent. — Delicate soft pink; in form the flowers are perfect and carried on stout stems well above the foliage. A valuable acquisition to the cut-flower varieties.

Arabella. — Very fine form. Pale primrose, tipped and shaded old rose and lavender.

A. D. Livoni. — Beautiful, soft pink, with quilled petals. The standard pink for cutting.

David Johnson. — Very distinct and unique. Large; salmon and rose.

John Thorpe. — Very large; soft, rich pink; very fine form.

John Walker. — The best pure white Show Dahlia for exhibition purposes. Full, round form.

Lemon Beauty. — Very large, full, rounded form. Beautiful, soft shade of lemon-yellow. The flowers are borne on long, straight stems, making it invaluable as a cut-flower.

Queen Victoria. — Deep yellow, finely quilled.

Red Hussar. — Intense scarlet-crimson. The plant is a strong, vigorous grower, with dark, glossy foliage. An early and free bloomer.

Ruby Queen. — Ruby-red, richly shaded; fine large flowers and long stems. Profuse flowering.

Storm King. — Still the finest of all white Show Dahlias. An extremely early, profuse and constant bloomer; a strong, vigorous grower of dwarf, branching habit, producing large, perfect-shaped flowers, on long, stiff stems. One of the finest whites for cut-flowers.

Miss Alice King. — A lovely ivory-white, shaded and edged soft rose. Invaluable as a cut-flower or for exhibition purposes.

Price of any of the above in strong roots, 25c. each; per doz., $2.50.

DAHLIAS OF SPECIAL MERIT

6 FINEST CACTUS DAHLIAS

Countess of Lonsdale. — A peculiar but pleasing blending of salmon-pink and amber. a color difficult to describe. This is the Dahlia for the million. Blooms freely under all conditions.

Floradora. — Color, dark velvety crimson. Plant of medium height, branching habit and an extremely early and profuse bloomer, the plants being continually covered with finely shaped blooms. The best dark crimson for cutting as the flowers are borne on long, erect stems and keep for a long time.

Kriemhilde. — The color is a fresh, delicate pink shading to a deep rose-pink. The flowers, after being cut a short time, develop white petals at the centre, giving it a beautiful pink and white contrast. Produces flowers in abundance on long, stiff stems.

Mrs. H. J. Jones. — By far the most valuable of this favorite type; the flowers are perfectly full to the centre, of finest Cactus form, with long, narrow, twisted, pointed petals. In color the incurved portions of the petals are deep crimson; the broad stripe of white running through the centre of the petals extends almost to the centre, where it blends harmoniously with the deep crimson.

Prince of Yellows. — Very large, with broad petals, which are fringed at the tips; color, a rich canary-yellow.

Winsome. — Undoubtedly the finest White Cactus Dahlia to date. Flowers are very large, beautiful Cactus form, with twisted incurved petals and borne on long, erect stems, holding the flower up in marked contrast to other white Cactus Dahlias, making it valuable as a cut-flower to use for home adornment and general decoration.

Price of any of the above in strong roots, 25c. each; per doz., $2 50.

6 FINEST SINGLE DAHLIAS

Alba Superba. — As the name would suggest, this is the grandest, pure snow-white single Dahlia ever produced.

Gaillardia. — Golden-yellow, with a broad band or disc of red around the ye low centre. Most striking and effective. Named from its remarkable resemblance to Gaillardia grandiflora. A distinct and popular type.

Jack. — Very brilliant, fiery scarlet, with base of petals overlaid with golden yellow. A great bloomer, with broad, recurved petals.

St. George. — Very large: pure canary-yellow. A strong, sturdy, branching grower, of medium height and profuse bloomer. The best yellow single Dahlia ever introduced.

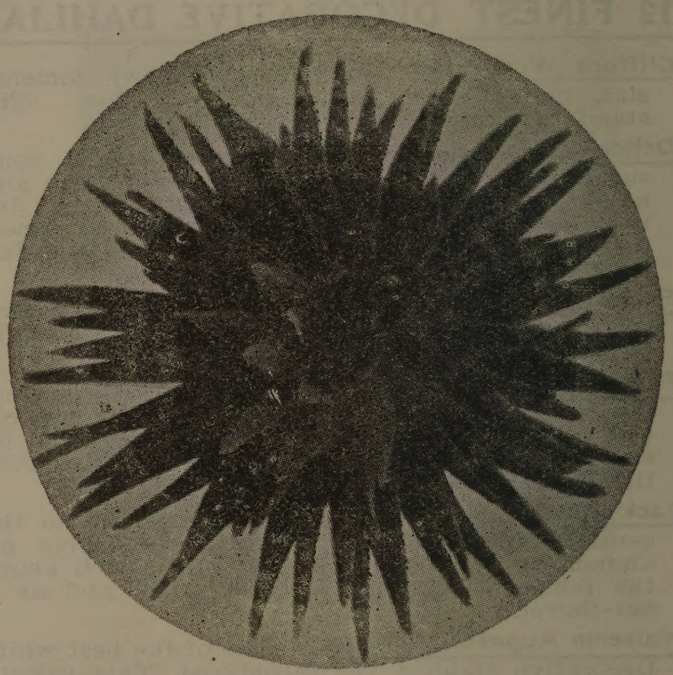
Striking. — The single Frank Smith. Richest maroon, tipped white, making it one of the most striking of the single class. Flowers are of large size, good form and very effective.

20th Century. — Color intense rosy crimson, with white tips and white disc around the yellow centre. As the season advances the dark-colored zone becomes lighter.

Price of any of the above in strong roots, 25c. each; per doz., $2.50.

Best Mixed Double Dahlias

Our mixture is made up from the best varieties of all classes of Double Dahlias, each variety being grown separate'y. We offer these **Best Mixed DOUGLE DAHLIA ROOTS at 15c. each; 2 for 25c.; 5 for 50c.; or 13 for $1·25.**



Cactus Dahlia.

GLADIOLUS

Childsil Giant. — Flowers of great substance and gigantic size, frequently 7 to 9 inches across. Our mixed strain of this Gladiolus embraces every known color. 10c. each; 80c. per doz.

Lemoine's Spotted Hybrids Mixed. — Popularly known as Butterfly Gladioli. Remarkable for the richness and variety of their colors and odd orchid-like markings. 30c. per doz.; $2.00 per 100.

May. – White, flaked rosy crimson; under greenhouse cultivation comes almost pure white. 5c. each; 50c. per doz.; $3.00 per 100.

Shakespeare. — White, suffused carmine-rose. A gigantic-growing Gladiolus. One of the best for forcing under glass. Extra-selected first-size bulbs. 15c. each; $1.25 per doz.

New Light Hybrids. (Groffs). — In America, the great demand for light colors to be used in church, wedding and cemetery decoration, induced Mr. Groff to devote most of his time to the production and advancement of strains producing the best of these popular and useful shades of color. Each, 10c.; doz., $1.00.

New Dark Hybrids. (Groffs). — These new, intense and brilliant combinations of dark colors, such as scarlet, crimson, violet, purple, cerise, and high class red shades have so popularized these new hybrids, that quotations for large quantities are now asked for by continental growers. Each, 10c.; doz., $1.00.

New Yellow Hybrids. (Groffs). — Each, 10c.; doz., $1.00.

World's Fair Collection. (Groffs). — Made up from the foregoing collections. Each, 10c.; doz., $1.00.

General Collection, Groff's

Florists' White and Light. — The best value ever offered. Each, 10c.; doz., 50c.

New Hybrid Seedlings. — Blooming Size. Certificate of Merit. New York. Each, 8c.; doz., 40c.

Selected Mixed. — Containing many fine varieties not offered before. Each, 8c.; doz., 60c.

Horticultural Society Mixture. — A mixture made up of all of the above collection. Each, 8c.; doz., 50c.

D. & F's Choicest Mixed

This mixture is composed of a splendid assortment of the finest varieties grown in a well-balanced mixture. Per doz., 30c.; per 100, $1.50.

CANNAS

Cannas are perhaps the most effective of all bedding plants, and are also useful to fill in as single specimens, or groups, vacant places in the hardy border, or among young shrubbery that has not had time to cover the ground. For effective masses in beds, plant in rich, deeply-worked ground, in full sun, after all danger from frost is passed, 18 inches apart each way. In the fall lift the clumps, allowing the soil to remain on, and pack the clumps closely in a dry cellar, dividing the roots in the spring before replanting.

FIFTEEN OF THE BEST CANNAS for BEDDING

Alphonse Bouvier, (5 ft.) — Green foliage. Flower is bright flashing crimson, very rich.

Austria, (5 ft.) — Orchid flowering, green foliage. Large flowers, 6 to 7 inches across; color, pure golden yellow.

Charles Henderson, (4 ft.) — Green foliage. Flowers deep crimson, with flame-yellow throat.

Duke of Marlboro, (4 ft.) — Green foliage. Flowers dark, rich, velvety crimson; fine shapely flowers in large well-filled trusses. Used in great quantities by landscape architects for mass effects.

Florence Vaughan, (3½ ft.) — Green foliage. Flowers rich golden yellow, thickly spotted with bright red.

Gladiator, (5 ft.) — Green foliage. Flowers intense yellow, spotted with bright red. This is one of the most remarkable varieties we ever introduced, as it seems to have all the good qualities Cannas should have.

The flowers are very firmly made, storms and hot sun-shine affect them very little. They are borne on strong upright stems well above the foliage and on account of the clean, neat appearance of the plant it is always attractive. Each, 25c.; Doz., $2.50.

Italia, (4 ft.) — Green foliage. Flowers are brilliant red and yellow. An orchid-flowering variety.

King Humbert, (4 ft.)—Bronze foliage with brownish-green stripes, large, thick and leathery. Flowers large; color, bright orange-scarlet streaked with crimson.

Mlle Berat, (4 ft.) — Green foliage. Flowers are charming bright pink. Splendid for massing.

Minnehaha, (3 to 4 ft.) — Blossoms are extra large and borne in great clusters; petals are long, gracefully curved and have wavy edges. The color reminds one of a dainty transparent seashell, deepening through shades of gold and cream to a centre of peach-blow pink. Foliage is golden bronze which harmonizes charmingly with the lovely delicate-colored flowers. Each, 25c.; Doz., $2.50.

Souvenir d'Antoine Crozy, (3 ft.) — Green foliage. Beautiful red, bordered with golden yellow. Very popular for bordering other Canna beds.

Venus, (4 ft.) — Green foliage. This is one of the prettiest Cannas in existence. The flowers are a gay, rosy pink with a well-defined border of creamy yellow. Blooms all the time with heads erect and flowers bright.

Wawa, (3 ft.) — Green foliage. The color of this Canna is an indescribably lovely soft pink and the medium sized flowers are borne in great profusion on strong upright stems. This variety is very popular with our customers. Each, 25c.; doz., $2.50.

Wm. Saunders, (4 ft.) — This bronze leaved beauty is a rival and superior to "King Humbert", in that it continues a blaze of beauty all Summer when "King Humbert," is "off show." The individual flowers often 5 inches across, are bright scarlet and the flower clusters are a foot across, borne on strong branching stems about 4 feet high. Mr. Wintzer, the originator, says: "Of the many thousands of hybridized seedings produced by me none approach nearer the ideal Canna than this peerless variety." Each, 25c.; Doz., $2.50.

Wyoming, (7 ft.) — Purple foliage. One of the most majestic Cannas. Blossoms orange-colored, true orchid-shape, with large, rounded petals that flap and flutter in the breeze like glistening silken flags.

PRICE, unless noted, 15c. each; $1.25 per doz.

Canna, Wm. Saunders.

TUBEROSES

One of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skilful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May, or as soon as the ground becomes warm.

Excelsior Double Pearl. — Mammoth bulbs, 10c. each; 60c. per doz.; $4.00 per 100.

Armstrong's. — The single everblooming Tuberose. 60c. per doz.; $4.50 per 100.

ORNAMENTAL GRASSES

(Gypsophila, etc.)

The following kinds are most suitable when arranging Sweet Peas for exhibition or table decorations.—

Gypsophila Paniculata. — This well-known perennial is greatly used for mixing with Sweet Peas, light and elegant. Pkt., 10c.

Gypsophila Elegans. — Pure white, the best of the annual varieties. Pkt., 5c.

Agrostis Nebulosa. — Fine ornamental grass. Pkt., 10c.

Eragrostis Elegans (Love Grass). — One of the best grasses for mixing with flowers. Pkt., 10c. One packet each of the above four varieties, 30c.

ISMENE CALATHENA

The flowers are of very large size like an Amaryllis, novel form and of snowy whiteness, and exceedingly fragrant. As a pot plant it is grand, and as a garden bulb treated like Gladiolus it is one of the choicest, of all flowers. Strong flowering bulbs. 20c. each; 3 for 50c.; doz., $1.75.

HARDY LILIES

Auratum (The Golden-rayed Lily of Japan). — The flowers are pure white, thickly studded with crimson spots while through the centre of each petal runs a clear golden band. Fully expanded, the flowers measure nearly a foot across, are produced abundantly from June to October, and possess a most delicious fragrance. 3 to 4 feet, extra large bulbs, each, 30c.; doz., $2.50.

Speciosum Album. — Large, white flowers, of great substance, with a greenish band through the centre of each petal; height, three feet. Each, 20c.; doz., $2.00.

Speciosum Rubrum.—White, heavily spotted with rich crimson; height, three feet. Each, 15c.; doz., $1.50.

Speciosum Magnificum. — This is the most beautiful variety of Speciosum Rubrum. It is the close ally of Speciosum Melpomene but very much richer in colour and also of much larger size with its stems very vigorous and erect. It is really the finest of all the Speciosums ever known. Each, 15c.; doz., $1.50.

Old-Fashioned Hardy Perennial Plants

Achillea. — "The Pearl", double white. Each, 15c.

Aconitum Wilsoni. — It is of a strong, stately habit of growth, attaining a height of from 5 to 6 feet, with very large flowers of a light violet-blue color. It commences to bloom early in September, and after the terminal raceme is over others are produced from the branches lower down on the stems, by which means the season is extended to October. Each, 35c.

Aquilegia (Columbine). — Many colours; 2 feet. Each, 20c.

Anchusa Italica Dropmore Var. — Sterling novelty. The splendid flowers are of the purest blue imaginable and produced on branched stems, about 4 feet high. It is doubtless the finest blue herbaceous plant in cultivation. Blooms in June and July. Each, 30c.

Anemone Queen Charlotte. — Very large semi-double flowers of that pleasing shade of silvery-pink peculiar to the La France Rose, a color that is as beautiful as it is rare among hardy plants. Flowers in September to frost; 2½ ft. Each, 20c.

Anemone Japonica. — White or rose. Each, 15c.

Arabis Alpina. — Pure white, 6 in. Each, 15c.

Asters. — Of sorts, 3½ to 4½ ft. Each, 20c.

Bocconia Cordata, (Plume Poppy, or Tree Celandine). — A noble hardy perennial, beautiful in foliage and flower, admirably adapted for planting in the shrubbery borders, centre of beds, and in bold groups in almost any position. It will grow in any soil or situation, attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color, during July and August. Each, 20c.

Campanula Persicifolia. — Blue, 2 ft. Each, 20c.

Campanula Persicifolia Alba.—2 feet, white. Each, 20c.

Campanula Media (Canterbury Bells).—Single and double flowers, rose, blue, and white, 2 feet. Each 15c.

Campanula Carpatica. — About 12 inches high, two colours, blue and white. Each, 15c.

Campanula Pyramidalis. — 4 feet, blue and white. Each, 20c.

Cerastium Tomentosum, (Snow in Summer). — A desirable low-growing plant with silvery foliage and white flowers, suitable for the rockery, or for carpeting dry, sunny spots, such as covering graves or steep banks; can also be used with good effect in carpet bedding. 20c. each; $1.80 per doz.; $15.00 per 100.

Chrysanthemum Maximum "Triumph." — 2½ feet in height, pure white, with a golden centre. Each, 15c.

Burbank's Shasta Daisy. — Large snowy-white. 1½ ft. Each, 20c.

Clematis Recta. — A fine variety, with handsome pure white flowers, in very large showy clusters during June and July; very effective. Each 35c.

Coreopsis Burbank's Grandiflora. — Golden-yellow flowers of large size; most useful for cutting and effective in border masses; blooms all summer; 2½ feet. Each, 15c.

Coreopsis Burbank's Lanceolate. — Like the preceding, but somewhat smaller. Each, 15c.

Delphinium Belladonna. — The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower; 3 feet. Each, 30c.

Delphinium Formosum. — Deep blue, with large white eye. 3 feet. Each, 15c.

Delphinium Hybridum. — Blue and white; 4 feet. Each, 15c.

Dicentra Spectabilis. (Bleeding Heart, or Seal Flower). — An old fashioned favorite; its long racemes of graceful heart-shaped flowers are always attractive, and especially valuable for planting in the shade. 3 feet. Each, 20c.

Dictamnus Albus, (Gas Plant). — An odd plant of vigorous growth, emitting a strong lemon odor. The flower will give a flash of light on a sultry summer evening if a lighted match is held near them. White, 2 to 3 feet; June-July. Each 25c.

Digitalis Gloxiniaeflora (Foxglove).—Colours, from pure white to deep pink; 3 ft. Each, 15c.

Doronicum Plantagineum Excelsum. — One of the very best, showiest, and most satisfactory of herbaceous plants. The flowers are borne upon long straight stems, which render them convenient for cutting, and are of the brightest golden yellow. Blooms May and June, each, 20c.

Funkia. (Plantain Lily). — The Plantain Lilies are amongst the easiest plants to manage; their broad, massive foliage makes them attractive subjects for the border even when not in flower. Variegated. Each, 20c.

HARDY PERENNIAL PLANTS.—Continued.

Gaillardia Grandiflora.—One of the showiest hardy perennials, blooming throughout the entire season; large gorgeous flowers of crimson and gold, excellent for cutting; 2 feet. Each, 15c.

Gypsophila Paniculata. — Small white flowers in great profusion. 2 ft. Each, 15c.

Gypsophila Paniculata Fl. Pl. — The single flowering form has always been a favourite, its misty bloom being indispensable in a naturally arranged bunch of flowers. Add to this the pretty little double, rosette-like flowers of this new form, which are produced in much-branched panicles 3 to 3½ feet high, and we have a plant not only valuable for cutting, but a most desirable addition to the hardy border. Each, 35c.

Helenium, Riverton Gem (New). — Old gold suffused with bright terra cotta, changing to wall flower red. Aug. to Oct. Each, 35c.

Helenium, Riverton Beauty. — Pure lemon yellow with large disc of purplish black. Each, 35c.

Hemerocallis Flava. (Yellow Day Lily). — A most useful desirable herbaceous plant, producing its large, fragrant yellow flowers during July and August in the greatest profusion; the plants grow about 3 feet high. Each, 20c.

Helianthus, Miss Mellish. — One of the most valuable perennial Sunflowers, Attains a height of 5 to 7 feet in good soil, and soon forms large clumps. Flowers golden yellow, averaging 4 inches across, during September and October. Each, 25c.

Heuchera Sanguinea Grandiflora. (New). — More vigorous grower than H. Sanguinea with flowers of double its size and of a brighter colour. Effective rare plant. Each, 25c.

Heuchera Sanguinea. — Brilliant crimson, 18 inches. Each, 20c.

Heuchera Alba. — White. Each, 20c.

Hesperis Matronalis. (Sweet Rocket). — 3 to 4 ft. high, showy terminal spikes of pink flowers. Each, 15c.

D. & F's Superb Double Hollyhocks

Alba Superba. — Pure white.
Black Knight. — Distinct black.
Crimson Queen. — Intense deep crimson.
Ovid. — Clear rose.
Walden. — Clear, bright, yellow.
Each, 25c.; Doz., $2.00.

Hyacinthus Candicans. — They contrast elegantly with Gladiolus. Planted anywhere, singly or in clumps, they are magnificent. For a cemetery nothing can be more beautiful or appropriate, and nothing thrives better in any situation. Each, 20c.

Incarvillea Delavayi (Hardy Gloxinia).—Produces large gloxinia-like rose-colored flowers which last in perfection a long time; 18 inches high. Each. 30c.

Iris Germanica (German Iris). — Of the easiest culture and thrives in any ordinary garden soil, blooming profusely in May and June. Remarkably rich and beautiful in color, very fragrant, perfectly hardy. Very effective when grouped; excellent for cutting.
In named varieties. Each, 25c.; doz., $2.00.
In mixed varieties. Each, 15c.; doz., $1.25.

MEEHAN'S MALLOW MARVELS

The most remarkable creation of the day. Absolutely hardy, the Mallow Marvels have been tested, and are thriving in Canada and in the mountain portions of the northern states as successfully as in Georgia and Florida. A plant for all sections of the country. Individual blooms are as large as ten inches across. Plants labeled to color as they flower. Every plant sold true to color.

PRICE. { WHITE MARVEL, RED MARVEL, PINK MARVEL } 80c. each

Colored plate and all particulars free on request.

HARDY PHLOX

Best named varieties

Bouquet de Fleurs. — White, with cherry-red eye.
Elmira. — Vermilion red.
Espérance. — Blush pink, extra.
Fernand Cortes. — Bright red.
Iris. — Purplish-blue.
Jeanne d'Arc. — White.
Josephine Gerbeaux. — White, cherry-red centre.
Jules Cambon. — Rose pink, large white centre.
Maria Stuart. — Pure white.
Nana Coerulea. — Dwarf sky-blue, extra.
Royal Purple. — Dark purple.
Suffrage. — Light red, beautiful.
Each, 25c.; Doz., $2.50.

Iris Kaempferi (Japanese Iris). — One of the most beautiful of our summer-flowering bulbs, in its combinations of color and beauty far excelling any other type. Flowers often 10 to 12 inches in diameter; in July. They require rich, moist soil.
In named varieties. Each, 25c.; doz., $2.40.
In mixed varieties. Each, 20c.; doz., $2.00.

Lupinus. — 2½ feet. Mixed varieties. Each, 45c.

Lily of the Valley. — Large clumps. Each, 25c.

Lychnis Chalcedonica. — Vermilion-scarlet; 2 to 3 feet. Each, 20c.

Lychnis Alba. — White. Each, 20c.

Lychnis Haageanna. — Flowers Scarlet, nearly 2 in. across, 8 to 12 in. Each, 20c.

Monarda Didyma.—Brilliant scarlet. Foliage sweet-scented, 2 to 3 ft. Each, 20c.

Pansy. — Mixed colours. Each, 10c.; doz., 80c.

Poppy Oriental. — Different colours, 2 to 2½ feet. Each, 20c.

Pyrethrum Roseum Hybridum. — Colours range white to dark crimson. 2 ft. Each, 20c.

Rudbeckia. (Golden Glow). — 6 to 8 feet. Each, 25c.

Scabiosa Caucasia. — Lilac-blue flowers. 1½ feet. Each, 25c.

Stachys, Lanata. — Silvery foliage; white flowers; 1 foot. Each, 15c.

The Everblooming Tritoma Pfitzeri. — The greatest bedding plant ever introduced, surpassing the finest Cannas for attractiveness and brilliancy, equal to Gladiolus as a cut flower and blooms incessantly from June till frost. Plants show from 6 to 10 grand flower stalks all the time, each holding at a height of 3 to 4 feet a great cluster of flame-colored flowers of indescribable beauty and brilliancy. For cutting it is unsurpassed, and the beautiful long spikes keep several weeks in water. Without a single exception, it is the most desirable garden flower. Each, 25c.; doz., $2.50.

Trollius Europaeus (Globe Flower). — Bright double yellow flowers. 1 ft. Each, 20c.

Valeriana Officinalis. — The old-fashioned garden Heliotrope, with pinkish or lavender flowers, and heliotrope fragrance. 4 feet. Each, 20c.

Valeriana Alba. — A white-flowering form of Garden Heliotrope. Each, 20c.

Veronica Spicata. — Pure white, 1 ft. Each, 15c.

	Each	Doz.	100
Vinca Minor (Periwinkle, or Trailing Myrtle).—An excellent dwarf evergreen trailing plant that is used extensively for carpeting the ground under shrubs and trees, or on graves where it is too shady for other plants to thrive	.10	1.00	8.00

Wahlenbergia Grandiflora. — Pretty blue bell-shaped flowers blooming from July to September. Sometimes classed as a campanula. Will thrive in any good garden soil. 2½ ft. .20

Grandiflora Alba. — A pure white form of preceding .. .. ..

Eight Finest Herbaceous Peonies

Comte de Neipperg, (Carmine). — Will be among the first to bloom for you and will open a beautiful bright carmine with dark shading. 60c. each.

Duchess de Nemours, (White). — No collection could be considered complete without this choice beauty. Guard petals white, centre lemon-yellow with greenish reflex; very prolific and when half open is most exquisitely chaste. 60c. each.

Edouard André, (Red).—Great globular flowers of deep crimson shaded almost black, while the reflex of petals fairly shine as if a metallic luster. A most rich and radiant variety. 75c. each.

Grandiflora Rosea, (Pink). — Very large flower; bright pink, shaded salmon. 50c. each.

Felix Crousse. — We offer this to our friends as our leading red peony. An exceptionally striking kind with large, double ball-shaped bloom; one of the finest in every way. 75c. each.

Festiva Maxima. — For over fifty years the standard of the perfection in Peonies. Enormous double flowers, fine paper white, flaked with carmine in the centre. 50c. each.

Mme. Forel. — Called "The Princess among Pink Peonies." Enormous very full ball-shaped bloom; color glossy pink with silvery reflex. 60c. each.

Couronne d'Or. (Yellow, etc.) — Beautiful white, with a blotch of red in the centre around which is a halo of yellow. Immense, very full, ball-shaped bloom. 75c. each.

VINES

The wonderful grace and beauty of well-placed vines add untold value and charm to the home and garden. The enchanting pergola, shady arbor and veranda, or clinging wall-cover gives that soft artistic effect that no other treatment can produce. We offer a comprehensive collection of the hardiest and best vines—those that have real merit and sterling worth in our severe climate.

ACTINIDIA

	Each.	Doz.
Actinidia Arguta. — A strong-growing Japanese vine, with rather large leaves; flowers white with purple center; fruit is round, edible and has fine flavor; handsome foliage	$0.75	

AMPELOPSIS, Woodbine.

Ampelopsis Quinquefolia. (Common Woodbine, or Virginia Creeper). A vigorous high-climbing vine of rapid growth; foliage rich crimson in autumn; valuable for wall-covering	.50	5.00
A. Englemanni. — Similar to ampelopsis quinquefolia and equally hardy but clings to wood, stone or brick in the same manner as the Boston ivy. The leaves are fine and form a dense body of foliage	.50	5.00
A. Veitchii. (Japan or Boston Ivy). — A hardy and very useful climber; clinging firmly and covering walls densely; the glossy foliage stands smoke and dust well and turns to a brilliant orange and scarlet in the fall; probably the favorite of all hardy vines in cities	.50	5.00

ARISTOLOCHIA.

Aristolochia Sipho. (Dutchman's Pipe). — A native species of climbing habit and rapid growth; magnificent, very large, green foliage; brownish pipe-shaped flowers. Desirable for screening purposes, 75c. to	1.25	

BIGNONIA.

Radicans. (Trumpet Vine). — For covering unsightly places, stumps, rockwork, or wherever a showy-flowering vine is desired, the Bignonias will be found very useful. The flowers are large, attractive and borne profusely when the plants attain a fair size. Dark red, orange, throat, free blooming and very hardy	.50	5.00

CELASTRUS. Bittersweet

	Each.	Doz.
C. Scandens. — A native climber, with glossy leaves; fruit orange and crimson, in clusters, and hanging on the vine all winter	$0.50	$5.00

CLEMATIS. Virgin's Bower

C. Coccinea. (Scarlet Clematis). — A pretty sort, with profuse showy bell-shaped, brilliant scarlet, flowers; foliage light green	.75	6.00
C. Paniculata. — Flowers are medium size, pure white and fragrant. It is perfectly hardy and finely adapted for covering trellises or fences. The flowers expand toward the close of August. It is one of the most desirable and useful of vines	.75	6.00
C. Virginiana. (American White Clematis). — A native of rapid growth. Produces white flowers in August, followed by feathery white seeds, which are quite decorative in winter	.60	5.00

HYBRID LARGE FLOWERING CLEMATIS

Clematis Duchess of Edinburgh. — Flowers are double white and sweet-scented	.75	6.00
C. Henryi. — A robust plant, free bloomer. Creamy white, large handsome flowers	.75	6.00
C. Jackmani. — Flowers broad, velvety purple, with ribbed bar down the center. Very popular	.75	6.00
C. Madame Edouard André. — Large crimson flowers	.75	6.00

LONICEREA. Honeysuckle

Lonicera Japonica. (Evergreen Honeysuckle). — Very fragrant yellow and cream-colored flowers; foliage dark, almost evergreen	.60	5.00
L. Sempervirens. (Scarlet Trumpet Honeysuckle). — One of the best varieties; deep crimson flowers, borne profusely in bunches at intervals during the summer. Flowers are followed by scarlet berries	.60	5.00

Readeana. — Destroys Rose Bugs and other insects on plants. Directions with each package. Sold in 75c, $1.35, and $2.50 bottles.

SOME OF THE BEST ROSES

HYBRID PERPETUAL ROSES

Price: Any of the following (except where noted), 40c. each; $4.00 per doz.

Baron de Bonstetten. — Rich, velvety maroon; large and full; very fine.

Dupuy Jamain. — Brilliant carmine crimson colour, petals large, broad and smooth, luxuriant foliage.

Frau Karl Druschki. — Pure snow-white; fine long buds and large full flowers; admittedly the best pure white rose.

General Jacqueminot. — Brilliant scarlet crimson, a most abundant bloomer.

Hugh Dickson. — Intense crimson, shaded scarlet; large, smooth petals, slightly cupped and reflexed. The size is large and the formation exquisite. Gold Medal Rose.

Mrs. John Laing. — Soft pink, large, finely shaped, and exceedingly fragrant; one of the finest roses.

Mrs. R. G. Sharman Crawford — Deep rose, outer petals shaded flesh, base of petals white; very fine. Gold Medal Rose.

Margaret Dickson. — White, with pale flesh centre, petals very large and of immense substance, magnificent form; very vigorous. Gold Medal Rose.

Magna Charta. — Bright pink, suffused with carmine; a beautiful rose, and a strong, vigorous grower.

George C. Waud. — Orange vermilion, remarkably distinct and beautiful, large, full, well formed; freely produced, highly tea perfumed; one of our best. Gold Medal N. R. S. Each, 50c.; doz., $5.00.

Paul Neyron. — Dark rose, of enormous size; perhaps the largest of all.

Prince Camille de Rohan. — Deep velvety crimson-maroon, full and of superb form. Generally considered to be the best of the dark Roses.

Ulrich Brunner.—Cherry crimson; large fine form; good garden and exhibition rose.

Hybrid Tea Roses

Price: Any of the following (except where noted), 40c. each; $4.00 per doz.

Aaron Ward, Mrs. — Indian-yellow, occasionally washed salmon-rose; very large, full, elongated flowers, vigorous branching growth, very free and excellent. Each, 50c.; doz., $5.00.

Betty—Coppery rose, overspread with golden yellow, magnificent form, large in size, and deliciously perfumed. Each, 50c.; doz., $5.00.

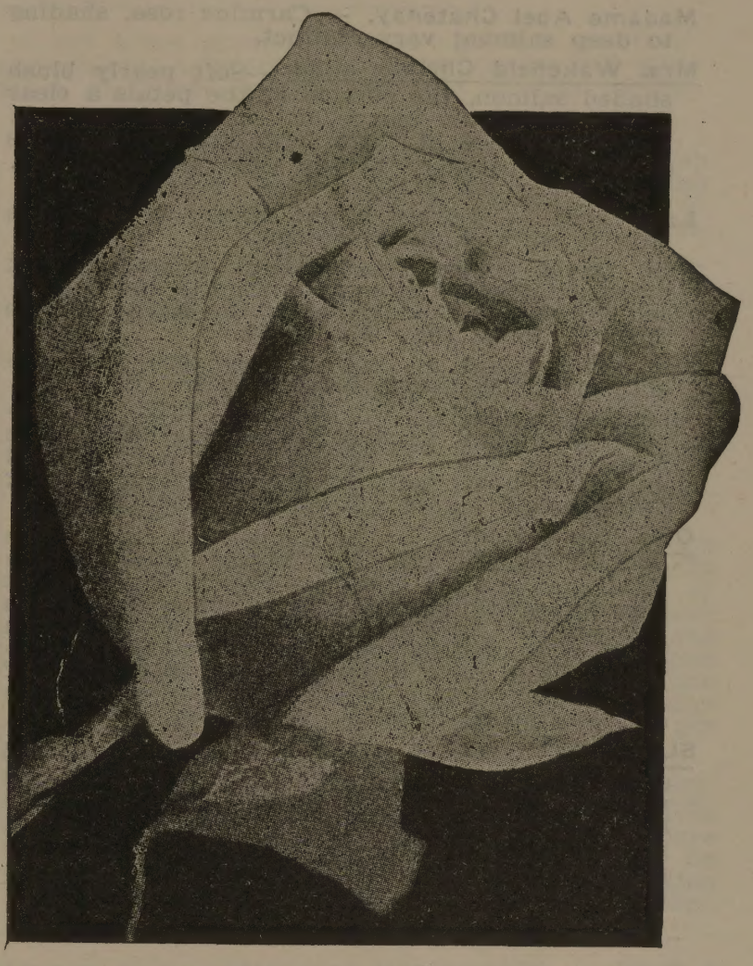
Countess of Gosford. — Salmon pink blended with rose, base of petals suffused yellow, large, full and perfect flowers, quite first-class for exhibition. Each, 50c.; doz., $5.00.

Dean Hole. — Silvery carmine shaded salmon, large full flower of fine form, with high centre; a superb rose. Each, 50c.; doz., $5.00.

Duchess of Wellington. — Intense saffron-yellow stained with rich crimson, which, as the flower develops, becomes deep coppery saffron-yellow. The blooms are fairly full; petals large and of great substance; free flowering of delightful fragrance, a great acquisition for garden or decorative purposes. Each, 75c.; doz., $7.50.

General McArthur. — Vivid crimson scarlet, the most beautiful shade of any garden or forcing rose offered, retaining its brilliancy when expanded to flowers of superb form; free from mildew. Each, 50c.; doz., $5.00.

Gruss an Teplitz. — Color of the richest scarlet, shading to a velvety-crimson; very fragrant, a free, strong grower and in bloom all the time.



J. B. Clark.—Intense deep scarlet flowers, shaded blackish crimson. The blooms are large and beautifully formed, with high pointed centres. Awarded the Gold Medal of the National Rose Society. Each, 50c.; doz., $5.00.

Jonkheer J. L. Mock. — A very important novelty. Strong vigorous free branching growth, large, full and of perfect form, opening slowly but freely, colouring in the way of Farbenkonigin, but more brilliant red. outside of petals rosy silvery white, a variety of special excellence for bedding, forcing and cut flower. Each 60c.; doz., $6.00.

Killarney. — Flesh colour, shaded white and suffused pink; a fine garden rose.

Kaiserin Augusta Victoria.—Cream, shaded lemon, deeper shade in centre, a charming variety.

Lady Ashtown — Rose, shading to silvery pink, and yellow at base of petals, large, full, fine flowers.

Le Progrès. — Nankeen yellow, passing to saffron yellow, a free bloooming garden rose.

Lyon Rose. — Large full, and perfectly formed coral red flowers, shaded with chrome yellow, a distinct and charming combination. Each, 50c.; doz., $5.00.

Laurent Carle. — Growth vigorous; flowers very large, of perfect form; buds long; color, brilliant velvety carmine, intensely fragrant; a valuable Rose for exhibition or decorative purposes. Each, 50c.; doz., $5.00.

Mme. Ravary. — Should be in every collection on account of its distinct color, which is of a rich, deep nankeen yellow, becoming lighter as the flower expands. The flowers are of splendid form, full, double and very fragrant. Each, 50c.; doz., $5.00.

ROSES.—Continued.

Madame Abel Chatenay. — Carmine rose, shading to deep salmon; very distinct.

Mrs. Wakefield Christie-Miller.—Soft pearly blush shaded salmon, the outside of the petals a clear vermilion rose, a marvellous color combination; the flowers are of extra large size, with petals of great substance. Strong two-year-old plants. Each, 75c.; doz. $7.00.

La France. — Lovely bright silvery rose, centre silvery white; fine for cutting.

Mrs. David M'Kee. — Beautiful creamy yellow; large, smooth and circular flowers; a superb variety. Awarded Gold Medal at the National Rose Society. Each, 50c.; doz., $5.00.

Mrs. W. J. Grant. — Pink, of good form and substance; indispensable for exhibition.

Mrs. David Jardine. — A delightful shade of rose-pink, shading to salmon pink on the edges. The flowers are large, of perfect form, and produced on every shoot; very highly perfumed. Strong two-year-old plants. Each, 50c.; doz., $5.00.

Otto Von Bismarck. — In competition for a prize of 3,000 marks, ($750.00), offered at a German Exhibition for the best new Hybrid Tea-Rose, it was awarded to this variety, which is a cross between La France and Caroline Testout. In habit of growth, it somewhat resembles the latter, while in color it has the soft silvery pink of La France; it is a vigorous grower and a free and continuous bloomer. Each, 50c.; doz., $5.00.

SUNBURST.—A very vigorous grower of erect and slight spreading habit, with very few thorns, fine reddish green bronzed foliage; fine long-pointed bud, generally borne singly on long stout stems; flower large, fairly full and of nice elongated cupped form; the colouring is a superb cadium yellow with yellow orange centre. The progeny of un-named varieties. On account of its freedom of blooming and capabilities of growing, "Sunburst" will take the lead as a commercial variety for forcing under glass, whilst it will prove alike invaluable for bedding and garden purposes. Per doz., $15.00; each, $1.50.

Walter Speed. — A magnificent Rose, of robust, erect growth, and possessing exceedingly free-blooming qualities, every shoot being crowned with flowers. These are large, with imbricated form and high, pointed centre. The color is a deep lemon-yellow, which, as the flower develops, becomes milky-white. Each. 75c.; doz., $7.50.

NEW DWARF BEDDING ROSES OR BABY RAMBLERS

A type of Rose which is becoming very popular for bedding purposes. They form shapely, compact, bushy specimens about 18 inches high, producing in great profusion, from early in the season until severe frost, immense trusses of small flowers.

Pink Baby Rambler (Baby Dorothy). — A perpetual flowering, dwarf growing form of the well-known Dorothy Perkins. A delightful bedding and forcing rose.

Crimson Baby Rambler (Mme Norbert Levasseur). —Crimson flowers similar to the popular Climbing Crimson Rambler.

White Baby Rambler (Katherine Zeimet). — Pure white flowers, showing the yellow stamens very pretty, produced in large candelabra-shaped trusses. Strong 2-year-old plants. 40c. each; $4.00 per doz.

HARDY CLIMBING ROSES

Crimson Rambler. — Blossom in immense clusters, of a brilliant crimson color. Each, 50c.

Dorothy Perkins. — Beautiful shell-pink color, which holds for a long time, fading finally to a lovely deep rose; very sweet scented; fully equal to Crimson Rambler in foliage, hardiness, habit of growth and blooming qualities. Each, 50c.

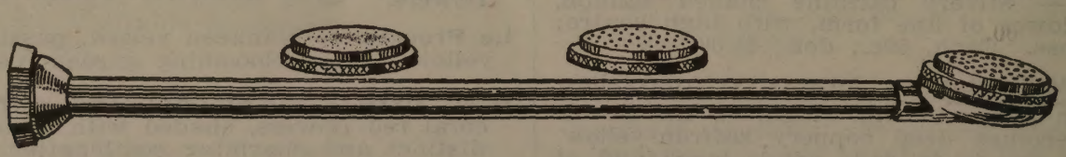
Flower of Fairfield. (New). — The really ever-blooming Crimson-Rambler, long sought by rose-growers. It carries the crimson splendor of the type from spring even into autumn; commencing to bloom on the first, young, red shoots, and adding size and brilliancy with its growth of wood. Perfectly hardy and an important acquisition. Each, 75c .

Hiawatha. — Brilliant scarlet; bears large clusters of single flowers; bright and effective. One of the best in this section. Each, 75c.

White Dorothy. — This is a pure white sport from Dorothy Perkins, having all the fine qualities of that charming variety. A most splendid acquisition. Awarded Gold Medal N. R. S. Award of Merit R. H. S. Each, 75c.

Readeana. — Destroys Rose Bugs and other insects on plants. Directions with each package. Sold in 75c., $1.35, and $2.50 bottles.

Ferguson's Combination Sprayer and Syringe



The only practical **Greenhouse Combination Sprayer** and **Syringe** on the market. The three different roses that go with each sprayer make it possible to either **Water, Spray or Syringe** at will by simply adjusting which ever rose is desired. Recommended as regards syringing under the **foliage** of plants where force is needed to keep down red spider, etc. Substantially made of brass, and can be screwed on the end of any hose same as an ordinary nozzle. They are used for outdoor work as well as in greenhouses; nothing better to keep rose bushes, etc., clean. The long brass extension rod enables the user to reach otherwise inaccessible places, such as when spraying tree-ferns, palms, ferns, the foliage of vines, etc., and without getting thoroughly soaked. The simplicity, durability and great usefulness of this combination **Sprayer** and **Syringe** appeals to every florist and gardener. Whenever used it has given excellent satisfaction, and will no doubt become a necessity with every gardener. **Used by the leading Florists and Gardeners in Canada and U. S.**

With three different sizes of Brass Roses: $3.50.

FLOWERING SHRUBS

This class of shrubs should be planted more in our home grounds and our gardens, as they make a great attraction and decided homelike appearance. A selection of these shrubs will give flowers throughout the season, and have an abundance of foliage which will add greatly to the beauty of your lawn or garden.

Hydrangea Arborescens Grandiflora Alba.

Berberis Aquifolium, or Mahonia. — (Holly-leaved Barberry). — Evergreen shrub; glossy green, holly-like leaves; yellow flowers in May; foliage turns to bronze scarlet late in the autumn. Each, 50c.; doz., $5.00.

B. Thunbergi (Japanese Barberry). — One of the most hardy and valuable species, especially remarkable for its low, dense, horizontal growth, its large brilliant fruit through the winter, and for its bright scarlet fall coloring; used extensively for hedges and borders of walks and drives. Each, 50c.; doz., $4.00.

B. Vulgaris. (Common Barberry). — Branches are upright or arching and thorny; handsome in the spring with yellow flowers in May and light green foliage; in fall the bright scarlet berries make it very attractive. Each, 50c.; doz., $4.00.

Var. Purpurea. (Purple Barberry). — Similar to B. Vulgaris, with beautiful violet-purple foliage and fruit; very effective in groups and masses. Each, 50c.; doz., $4.00.

Cornus Alba. (Red Dogwood). — Shrub with erect stem, good clean foliage, bright blood-red branches and rich rosy-red flowers in June, useful for shrubberies. Each, 50c.; doz., $4.00.

C. Spaethii—One of the finest recent acquisitions. Foliage variegated with pale yellow. Each, $1.00.

Deutzia Pride of Rochester.—Flowers double white, back of the petals tinged with rose. One of the best. Each, 60c.; doz., $6.00.

D. Gracilis.—Slender, often arching branches. Low, dense, globular habit; flowers pure white, in racemes. Each, 50c.; doz., $5.00.

D. Lemoinei. — A vigorous grower and very desirable; early bloomer; panicles of pure white flowers borne on stout branches. Each, 50c.; doz., $5.00.

Forsythia Intermedia (Golden Bell). — This is an erect-growing shrub, but when full grown the branches become arching, and it resembles F. Suspensa; very floriferous. Each, 50c; doz., $5.00.

F. Suspensa. — In this variety we have the weeping form with long, pendulous branches; golden yellow flowers early in April. Each, 50c.; doz., $5.00.

Hydrangea Paniculata Grandiflora. — This variety is well known being found in almost every garden. Its large, cone-shaped heads of white flowers, turning late to pink and red, are admired by all. The plant should be given plenty of water, and be severely pruned every spring in order to produce large flowers. Each, 50c.; doz., $5.00.

Hydrangea Arborescens Grandiflora, (Snowball Hydrangea).—This magnificent, perfectly hardy American Shrub has snow-white blossoms of largest size. One of its most valuable characteristics is its coming into bloom just after the passing of all early spring Shrubs, while its long flowering season, from early June until late August, makes it a valuable acquisition in any garden. Strong plants, 75 cts. each; $5.00 per doz.

Lonicera Morrowii. (Japanese Bush Honeysuckle). —A shrub with wide-spreading branches; leaves dark green above and grayish beneath; pure white flowers in May and June, followed by bright red fruit ripening in August, and lasting until late in fall. Very decorative. Each, 50c.; doz., $5.00.

L. Tartarica. (Tartarian Honeysuckle). — Bears a profusion of pink flowers in June, which contrast well with the foliage. Each, 50c.; doz., $5.00.

L. Tartarica, var. Alba. — Similar to the Tartarica, but with large, pure white flowers and crimson fruit. Each, 50c.; doz., $5.00.

Philadelphus Coronarius. (Mock Orange). — Shrub with upright branches; the pure white, fragrant flowers are produced in clusters in June; foliage dark green. Each, 50c; doz., $5.00.

P. Grandiflorus. (Large-flowered Syringa).—A vigorous, upright variety, with large, showy flowers in June; it grows rapidly; branches are somewhat straggling. Each, 50c.; doz., $5.00.

P. Lemoinei. — Hybrid; this is a choice and graceful variety; produces fragrant, pure white flowers in clusters in June. Each, 75c.; doz., $6.00.

Prunus Sinensis, var. Alba Plena. (White-flowered Almond). — Produces very double flowers in great profusion in May. Each, 75c.; doz., $7.00.

Var. Rosea Plena. (Double Pink Almond).—Similar to the above; flowers double rose-colored. Each, 75c.; doz., $7.00.

P. Triloba. (Double-flowered Plum). — A charming shrub with broad, abruptly pointed leaves; bears in early spring beautiful light pink double flowers; very vigorous. Each, $1.00; doz., $10.00.

Rhus Cotinus. (Purple Fringe, or Smoke Bush). — A much-admired shrub for its purplish, misty-looking flowers borne in early June. In the fall the leaves change to brown, red and yellow colors. Each, 75c.; doz., $7.00.

Ribes Aureum. (Flowering Currant). — Bush with glossy green foliage, which assumes bright autumn tints. In May bears fragrant yellow flowers, followed by dark brown fruit. Each, 50c.; doz., $5.00.

FLOWERING SHRUBS.—Continued

Sambucus Aurea. (Golden Elder). — Vigorous spreading habit. Distinct by reason of its yellow foliage. Flowers white, in June and July. Requires full sun, when it is one of the best of the yellow shrubs. Each, 75c.; doz., $7.00.

Spiraea Arguta. — The best early-flowering White Spiraea. Blooms in May. Quite hardy. Each, 50c.; doz., $5.00.

S. Anthony Waterer. — A very free-blooming compact shrub, with bright crimson flowers in rather dense corymbs. Foliage is somewhat variegated with crimson, white and yellow, and sometimes tinted with pink. Each, 50c.; doz., $5.00.

S. Sorbifolia. (Ash-leaved Spirea). — Leaves of this variety resemble those of the Mountain Ash; flowers appear in July and are white, in long, elegant spikes. Each, 60c.; doz., $6.00.

S. Van Houttei. (Bridal Wreath). — The finest of all the Spireas; round, graceful bush, with arching branches, which in June are covered with beautiful white flowers; handsome bluish green foliage; should be in every collection. Each, 50c.; doz., $5.00.

Syringa Persica. (Persian Lilac). — Shrub with slender, arching branches; lanceolate leaves; flowers pale lilac, in rather loose, broad panicles. Very fragrant. Each, 75c.; doz., $7.00.

S. Villosa. — Bushy shrub with stout branches; bright green foliage like that of the white fringe tree; flowers appear in panicles, light purple in bud, rosy white when open, and very fragrant. Especially valuable, as its flowers appear two weeks after those of other Lilacs. Each, 75c.; doz., $7.00.

S. Vulgaris. (Common Lilac). — The best known of all Lilacs. Strong, vigorous, upright shrub; foliage rich, dark green; large clusters of fragrant, purplish flowers in May. Each, 50c.; doz., $5.00.

S. Var. Alba (Common White Lilac). — Similar to the Vulgaris. Flowers are white, appearing a week earlier than those of any other variety. Each, 50c.; doz., $5.00.

S. Charles X.—Magnificent clusters of reddish purple flowers; leaves large and shining. Each, 60c.; doz., $6.00.

S. Marie le Gray. — Finest white Lilac. Flowers single white, in panicles. Each, 75c.; doz., $7.00.

S. Madame Lemoine. — Superb double white. Each, 75c.; doz., $7.00.

S. President Grevy. — Fine double variety, with large panicles of beautiful blue flowers. Each, 75c.; doz., $7.00.

S. Senateur Volland.—Dwarf; brilliant double rosy red flowers. Splendid variety. Each, $1.00; doz., $10.00.

S. Japonica. — An elegant Japanese species, eventually forming a good-sized tree, flowers creamy white, odorless, produced in great panicles a month later than other sorts. Each, 50c.

Symphoricarpus Racemosus fructo albo. (Snowberry). — A well-known dwarf Shrub with small pink flowers and large white berries that hang on the plant the greater part of the winter. Each, 50c.; doz., $5.00.

Viburnum Lantana. (Wayfaring Tree).—Of robust growth, having large foliage, silvery underneath. Produces clusters of white flowers in May, and red fruit turning black in autumn. Each, 75c.; doz., $7.00.

V. Opulus. (High-bush Cranberry). — One of the best shrubs for general planting. It has red berries resembling cranberries, which remain until early winter. Its foliage is large and healthy and seldom attacked by insects. Each, 50c.; doz., $5.00.

Var. Sterilis. (Common Snowball).—A well-known shrub of large size, producing large, snowball-like flowers in May. Each, 50c.; doz., $5.00.

V. Plicatum. (Japan Snowball). — A native of North China. It has handsome plicated leaves; globular heads of pure white flowers in June. Each, 60c.; doz., $6.00.

Weigela Candida. (White Weigela). — One of the best. Handsome light green foliage and showy pure white flowers. Blooms June and July. Vigorous and fine in habit. Each, 50c.; doz., $5.00.

W. Eva Rathke. — An erect, free-flowering Weigela; flowers brilliant crimson, a beautiful, distinct clear shade. Blooms June and July. Each, 75c.; doz., $8.00.

W. Rosea. (Rose-colored Weigela). — From China Erect, compact growth. One of the finest. Has rose-colored flowers in June and July. Each, 50c.; doz., $5.00.

STANDARD OR TREE SHRUBS

On stems about 4 feet high.

The following standard or tree-shaped plants, will make beautiful specimens for the lawn or garden.

Forsythia Suspensa. Each, $1.00.

Hydrangea Paniculata Grandiflora. Each, $1.00.

Lilac, Charles X. Each, $1.25.

Lilac, Marie Legraye, white. Each, $1.25.

Viburnum Opulus Sterilis. Each, $1.25.

Hedge Plants and Plants for Edge Rows

Arbor Vitae.
Barberry, Common.
Barberry, Thunbergi.
Buckthorn.
Honey Locust.
Lilac, Common.
Norway Spruce.
Privet.
Rosa Rugosa.
Spirea Van Houttii.

Write for special quotations on above.

Send for complete Catalogue of Incubators, Brooders and Poultry Supplies.

Shade and Ornamental Trees

Salisburia (Ginkgo). — Salisburia Adiantifolia. (M.) This tree is remarkable as a deciduous member of the Pine family, with odd-shaped leaves that resemble those of the Maidenhair Fern; but its value lies in the fact that it is immune from the ordinary attacks of insects and withstands so well the unnatural conditions of our cities. It is highly ornamental on lawns or public grounds. 6 to 8 feet, each $1.00; per 10 $7.50. 8 to 10 feet, each $1.50; per 10, $12.50.

Ash, Americana, (White Ash). — 8 to 10 feet. Each, $1.25; 10 for $10.00.

Ash, Weeping Mountain.—6 to 8 feet. Each, $1.50.

Birch, Purple Leaved. —5 to 7 feet. Each $2.00.

Birch, American White.—5 to 7 feet. Each, $1.00; 10 for $8.00.

Birch, Weeping Cut-Leaved.—6 to 8 feet. Each, $1.50

Catalpa, Kaempferi. —5 to 7 feet. Each, $1.00 ; 10 for $8.00.

Elm, Americana. —8 to 10 feet. Each, $1.25; 10 for $10.00.

Horse-Chestnut. -Clusters in June. 5 to 7 feet. Each, $1.00; 10 for $8.00.

Linden, American. (Linden or Bass-wood).—6 to 8 feet. Each, $1.00; 10 for $8.00.

Maple, Norway. —8 to 10 feet. Each, $1.00; 10 for $8.00.

Maple Silver.—8 to 10 feet. Each, 75c. ; 10 for $6.00.

Maple Sugar. — 8 to 10 feet. Each, $1.25; 10 for $10.00.

Maple, Weir's Cut Leaf.—8 to 10 feet. Each, $1.00; 10 for $8.00.

Maple Schwiederii.—8 to 10 feet. Each, $1.50.

Poplar, Carolina.—8 to 10 feet. Each, 75c.; 10 for $6.00. 10 to 12 feet. Each, $1.00; 10 for $8.00.

Poplar, Lombardy. — Useful where a tall hedge is wanted as screen, 8 to 10 feet. Each, 75c.; 10 for $6.00. 10 to 12 feet. Each, $1.00; 10 for $8.00.

Willow, Laurel-Leaved.: —6 to 8 feet. Each, 75c ; 10 for $6.00.

Willow, Wisconsin Weeping.—6 to 8 feet. Each, $1.00; 10 for $8.00.

Mulberry (Teas Weeping). — A very thrifty, vigorous grower, perfectly hardy, forming a natural umbrella-shaped top, or head; foliage handsome. New and valuable. Each, $1.50.

EVERGREEN TREES

Juniperus, Hibernica. (Irish Juniper). — A beautiful glaucous-green variety of dense pillar-like growth; very desirable. 18 to 24 inches. Each, $1.00.

Juniperus Sabina (Savin Juniper). — Dwarf prostrate spreading branches. Thrives in poor soils. Each $1.25.

Picea, Alba. (White Spruce). — Valuable for planting near the sea. 2 to 3 feet. Each, $1.00; 10 for $8.00.

Picea, Excelsa. (Norway Spruce). — Serviceable for screens, shelters and clumps. 2 to 3 feet. Each, 75c.; 10 for $6.00.

Picea, Pungens Kosteriana. — The finest form of Colorado Blue Spruce. One of the hardiest and choicest evergreens; foliage steel blue. 18 to 24 in. Each, $3.00; 2 to 3 feet. Each, $4.00.

Pinus Austriaca. (Austrian Pine). — A noble tree of rapid growth with massive horizontal branches covered with long, thick, dark green foliage; very hardy. 2 to 3 feet. Each, $1.00; 10 for $8.00.

Var. George Peabody.—Golden yellow, very hardy. 2 to 3 feet. Each, $2.00.

Pinus, Strobus. White or Weymouth Pine. — Useful for screens, windbreaks and backgrounds. 2 to 3 feet. Each, 75c.; 10 for $6.00.

Pinus, Sylvestris. Scotch Pine. — One of the best trees for exposed situations. 2 to 3 feet. Each, 75c.; 10 for $6.00.

Retinospora Filifera. (Japan Cypress). — Thread-like, drooping, light green branches; pyramidal form; graceful and beautiful. 2 to 3 feet. Each, $2.00.

Retinospora Filifera Aurea.—A golden-leaved form of the preceding. 2 to 3 feet. Each, $2.00.

Retinospora Plumosa. — Forms a handsome pyramid of dense, feathery branches, fine, light green foliage. 2 to 3 feet. Each $2.00.

Thuya Occidentalis. (American Arborvitae). — Extremely useful for screens, clumps or lawn specimens. 2 to 3 feet. Each, 50c.; 10 for $4.00.

Globosa. Globe-headed Arborvitae.—Foliage green; compact; globular in form. 1 foot. Each, $1.00; 10 for $8.00.

Var. Pyramidalis. — Habit like the Italian Cypress. 2 to 3 feet. Each, $1.00; 10 for $8.00.

NUMBER OF TREES OR PLANTS ON AN ACRE AT VARIOUS DISTANCES

At	4	feet	apart	each	way,	. . . . .				2729
"	5	"	"			. . . . .				1742
"	6	"	"			. . . . .				1200
"	8	"	"			. . . . .				680
"	10	"	"			. . . . .				430
"	12	"	"			. . . . .				325
At	15	feet	apart	each	way,	. . . . .				200
"	18	"	"			. . . . .				135
"	20	"	"			. . . . .				110
"	25	"	"			. . . . .				70
"	30	"	"			. . . . .				50

The number of plants required for an acre, at any given distance apart, may be ascertained by dividing the number of square feet in an acre (43,560) by the number of square feet given to each plant, which is obtained by multiplying the distance between **rows** by the distance between the **plants.** Thus, strawberries planted three feet by one foot gives each plant three square feet, or 14,520 plants to the acre.

Send for complete Catalogue of Incubators, Brooders and Poultry supplies.

FRUIT TREES AND SMALL FRUITS

APPLE TREES

The following list of apples will be found to include the varieties which have stood the best in our northern climate.

Summer Varieties.

Peach of Montreal, Yellow Transparent, Red Astrachan, and Duchess of Oldenburg. Price, 50c. each; $5.00 per doz.

Fall and Early Winter Varieties.

Fameuse, Alexander, St. Lawrence, Wealthy. Price, 50c. each; $5.00 per doz.

Winter Varieties.

Baxter, Gano, Golden Russet, Canada Red, Longfield, McIntosh Red, Pewaukee, Wealthy, Wolf River and Grimes Golden. Price, 50c. each; $5.00 per dozen.

CRAB APPLES

Transcendent, Montreal Beauty, Hyslop, etc. 50c. each.

PLUMS

Mount Royal. — A very valuable seedling plum introduced by Mr. W. W. Dunlop. Outremont, Que.

Fruit roundish flattened at stem end; color dark purple with numerous small dots; flesh yellow and juicy; firm and sweet; both for preserving and dessert.

Stone below medium. Quality excellent; season early to mid September. Very hardy; vigorous, very productive and good shipper; promises to be one of our best varieties. Each. 75c.

Abundance, Red Jane, Brandshaw, Lombard, Grand Duke, Green Gage, Imperial Gage, Moore's Arctic. Price, 50c. each.

PEARS

Bartlett, Flemish Beauty, Garber, Kieffer, Clapps Favourite, Beurre Clairgeau, etc. 50c. each.

CHERRIES

May Duke, Early Richmond, Yellow Spanish, Hudson, Tartarian, etc. 50c. each.

BLACKBERRIES

Best sorts. — $1.00 per doz.

CURRANTS

Naples (Black), White grape, Cherry (Red) and Common Red, etc. $1.25 per doz.

GOOSEBERRIES

Industry, Pearl, Red Jacket, Whitesmith, and other varieties. $2.00 per doz.

RED RASPBERRIES

St. Regis Raspberry. — An everbearing variety of unusual merit. Introduced in 1911. A red raspberry that gives ripe fruit earlier than any other kind, and continues to do so continuously until the ground is frozen. The berries are of good size, bright crimson, exceedingly firm and of sweet, rich flavor. Doz., $1.25; per 100 $8.00.

Herbert. — A new variety, very hardy strong grower, large berry, firm and productive. Probably the safest variety to plant for this climate. Doz., $1.00; per 100, $6.00.

King. — The earliest berry, a few days ahead of Marlboro, hardly as large but of better color. Is a more healthy and vigorous grower, and very productive. We consider this the best early. Per doz., $1.00; per 100, $5.00.

Eaton. — A new variety of great promise, a very large firm berry, dark red. Cane is a slow grower, but very productive. Per doz., $1.50; per 100, $6.00.

Marlboro.—An old standard; early, large and productive. Per doz., 75c.; per 100, $4.50.

Cuthbert. — An old standard, vigorous, productive and a firm fine berry of best quality, late. Is not hardy here for field culture; in gardens laid down it does very well. Per doz., 75c.; per 100, $4.50.

Loudon. — A good late berry the hardiest of them all; requires rich soil and high cultivation. Per doz., 75c.; per 100, $4.50.

YELLOW RASPBERRIES

Golden Queen. — Large; beautiful amber color; firm and of fine quality. Plant vigorous hardy and remarkably productive. Per doz., 75c.; per 100, $4.50.

STRAWBERRIES

Below we offer the most desirable and luscious for the home or market garden. Orders are filled with plants freshly dug from the ground and reach our customers in the best possible condition.

Extra Early.

Michael's Early.—A standard early. Per 100, $1.50.

Sprindale Beauty. — Very large and fine. Per 100, $1.50.

Gill. — Largest Extra early, very productive. Per 100, $1.50.

Early.

Senator Dunlop. — A favourite everywhere. Per 100, $1.50.

3 W. S. — A new variety, very large, is being well recommended. Per 100, $1.50.

Chipman. — Another new variety, large and productive. Per 100, $1.50.

Medium Season.

Meade. — Large very healthy foliage productive. Per 100, $1.50.

Parsons' Beauty. — Exceedingly productive, large. Per 100, $1.50.

William Belt. — Finest quality, best garden berry. Per 100, $1.50.

Late.

Uncle Jim. — Very large plant and berry. Per 100, $1.50.

Sample (Imp.) — One of the most productive, a general favourite. Per 100, $1.50.

Steven's Champion. — Very fine and firm. Per 100, $1.50.

Joe. — A very large berry strong foliage. Per 100, $1.50.

President (Imp.) — The finest large berry, a good one for amateurs. Per 100, $1.50.

Nettie (Imp.) — The latest of all in suitable soils, would considerably extend the season. Per 100, $1.50.

And many other varieties, at from $1.00 to $1.50 per 100.

Those marked IMP have imperfect flowers, and should be planted with the PERFECT varieties to secure the best results.

Special quotation on large quantities.

IMPLEMENTS

Complete Catalogues of "Planet Jr.," and "Iron Age" Farm and Garden Tools for 1915 mailed on application.

No 6 'IRON AGE"

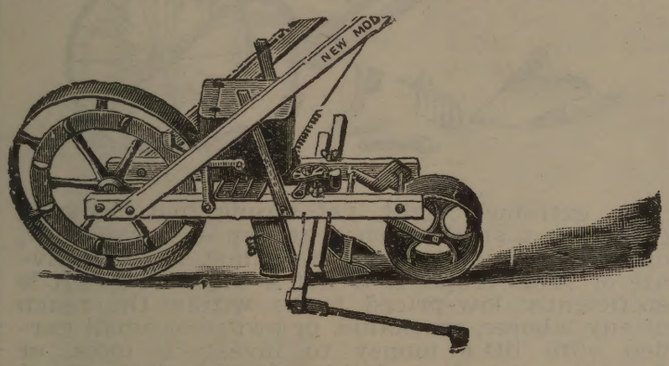
Combined Double Wheel Hoe, Hill and Drill Seeder, $14.50.

No. 7 "IRON AGE"

Same as No. 6, but is a Hill and Drill Seeder only, $10.75.

No. 6, IRON AGE.

IRON AGE New Model Seed Drill



One of the leading Seed Drills. Very simple in construction. Used by leading market gardeners. Price, $9.50.

PLANET Jr. No. 4

Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, complete. . $12.50

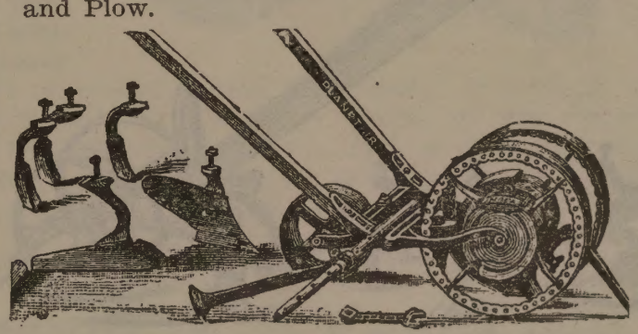
Price, as a Seeder only .. ..

Planet Jr.No.3 Hill and Drill Seeder, $12.00

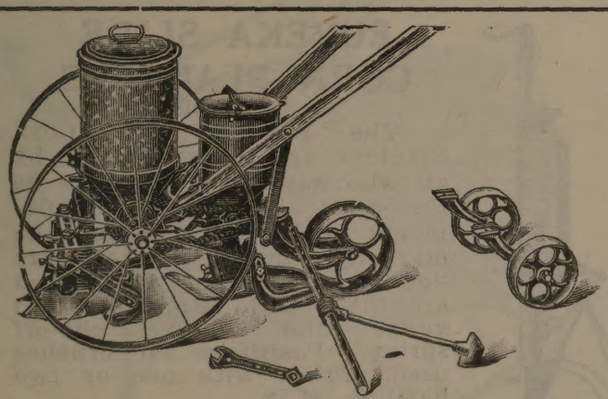
15 inch steel driving wheel. Hopper holds 3 qts.

Planet Jr., No. 1, $10.75

Combined Drill Seeder, Wheel Hoe, Cultivator and Plow.



Planet Jr., No. 2, $8.50.
Same as No. 1, but is a Seeder only.



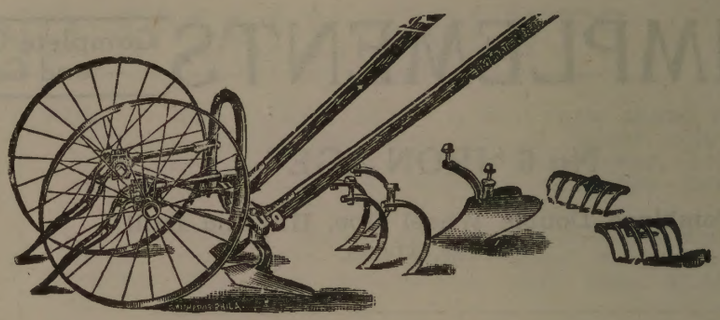
No. 22 Combined Fertilizer Distributor Hill and Drill Seeder.

One of the most successful seed and fertilizer drills ever made. The fertilizer is distributed more accurately than if put on by hand, and the two operations are done in one. Price, $21.50.

The "Planet, Jr." Catalogue, describing and illustrating Seed Sowers and Cultivators and Their Operation Mailed on Application.

No. 1 "IRON AGE"

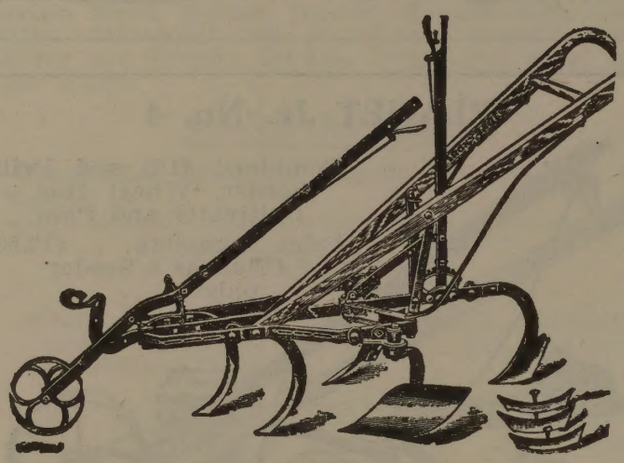
Double Wheel Hoe Cultivator, Rake and Plow Combined, $8.50.



No. 3 "IRON AGE"

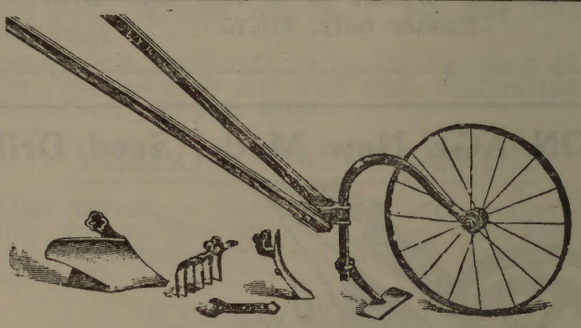
Same as No. 1, but with side hoes only, $5.25.

IRON AGE HORSE HOE AND CULTIVATOR



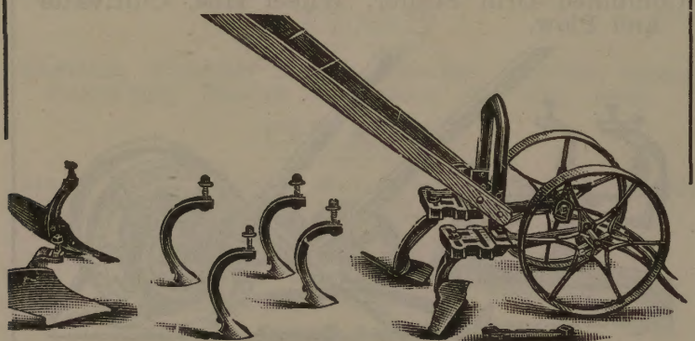
Price with one lever $7.50
Price with two levers $9.00

No. 12 Wheel Plow and Cultivator



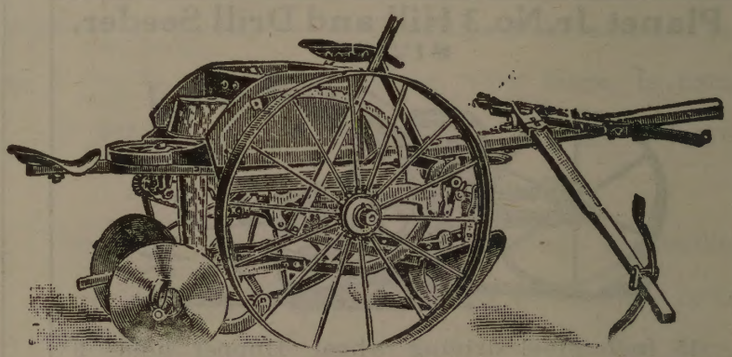
An extremely light, yet strong tool designed for use in a small kitchen garden — it will plow, open furrows and cover them, hoe, rake, cultivate or ridge crops. It is not a cheap tool, but is sufficiently low-priced to be within the reach of any laborer, mechanic, or owner of small garden with little money to invest in tools, or time to spare for anything but straight ahead cultivation. Price, $4.25.

"PLANET JR.," No. 12. DOUBLE WHEEL HOE



Has the following attachments; one pair of 6 inch hoes, two pairs of cultivator teeth. one pair of ploughs. Price, $8.00.

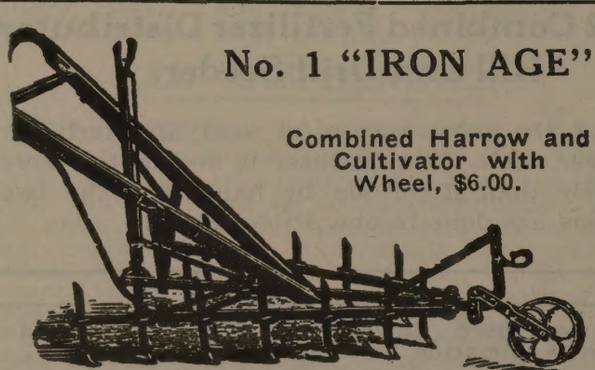
ROBBINS POTATO PLANTER

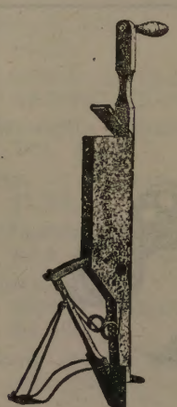


Illustrated Catalogue and Price on Application.

No. 1 "IRON AGE"

Combined Harrow and Cultivator with Wheel, $6.00.



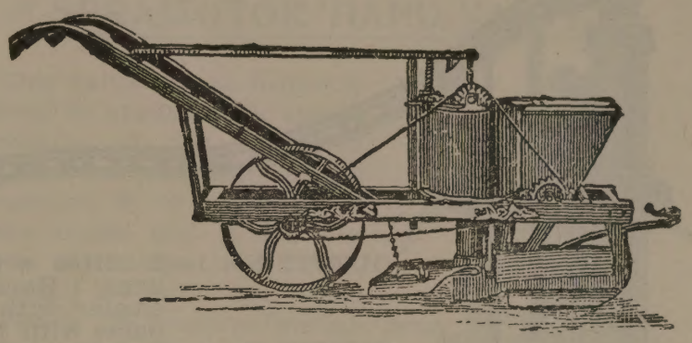


EUREKA SLIDE CORN PLANTERS

The Eureka Slide Corn Planters are acknowledged by all who have used them to be the most satisfactory implements of their kind on the market. Eureka Planters are light and durably made and are fitted with adjustable seed gauge and a steel cut-off spring. Positively no brushes used. Price, with one or two handles, $1.50.

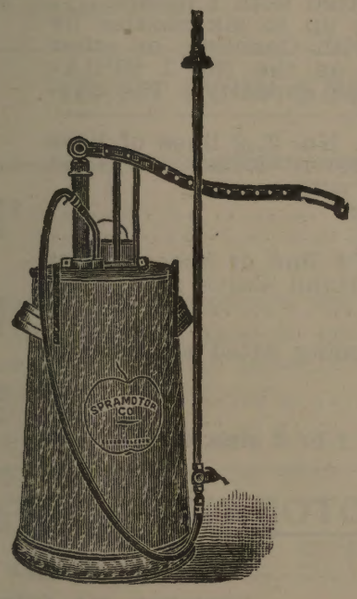
The Iron Age Catalogue describing and illustrating Seed Sowers and Cultivators and their operation mailed on application.

Queen Corn Planter and Fertilizer Distributor Combined



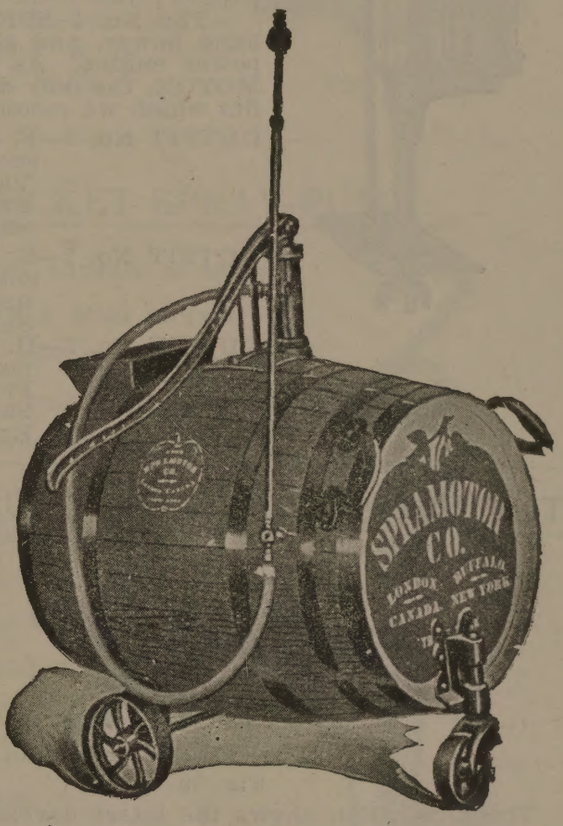
Plants Corn, Beans, Peas, Beet or Mangel seed in hills and drills; it will drop 6, 12, 24 or 36 inches, or drop 7, 15, 30 or 45 inches, and will distribute from 50 to 450 lbs; as desired, of commercial fertilizer, wet or dry. Price complete, $25.00. Price without fertilizer Distributor, $17.00.

This Planter has been used on all kinds of soil and under all circumstances; every improvement has been made to make this the most perfect and reliable Planter in the market.



SPRAMOTOR OUTFIT 103

Spramotor Jr. No. 0. brass working parts.	$6.00
Five-feet ½-inch Hose, with brass couplings.	.75
One 8-foot Bamboo Rod, with patent drip guard. . . .	2.25
One Hand Valve, Fig. 52.	1.00
One Fig. 35 Nozzle.	.75
	$10.75
Complete, in 5-gallon Galvanized Can.	$12.75
Complete, in 10-gallon Galvanized Can.	$13.75



SPRAMOTOR

Painting and Whitewashing Apparatus

The machine shown here is especially fitted for the purpose of painting and whitewashing. Is fitted to barrel, with strong truck castings, and is intended to be used wherever the floors or ground is hard. The outfit is compact in every way, and can be turned within its own length. Can be handled by one person, and is quite the most economical apparatus for this purpose on the market.

Price complete as shown $25.00.

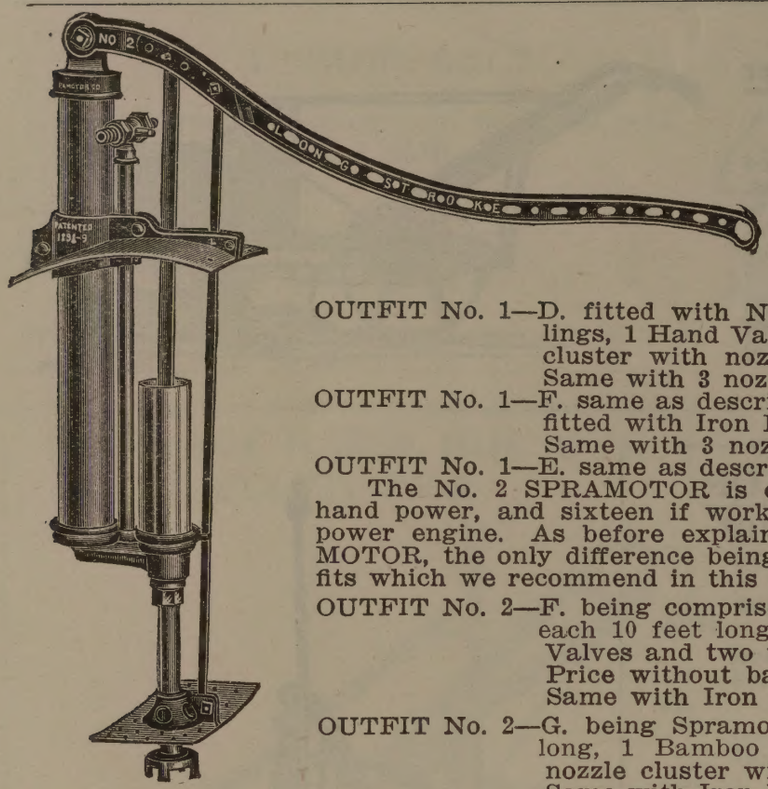
SPRAMOTOR JR., No. 0 WHEEL OUTFT

This cut shows the SPRAMOTOR Jr. WHEEL OUTFIT which is fitted with Spramotor Jr. No. O with half barrel mounted on High Wheels, with screen for screening the mixture, Bamboo Rod, Patent Hand Valve and Spramotor Nozzle.

Price complete as shown..	$19.60
Same with Iron Rod instead of Bamboo..	18.00

This outfit is designed for garden work, and will be found to be a complete and serviceable arrangement for suburban residences, etc.

Send for complete Catalogue of Incubators, Brooders and Poultry supplies.



SPRAMOTOR JR. No. 2

We illustrate here the SPRAMOTOR Jr. No. 2, which is exactly the same as No. 1 size; only that it has larger capacity.

The No. 1 SPRAMOTOR is capable of handling three nozzles or less, and is plenty large enough to look after an orchard containing up to 300 trees. For an orchard of this size, we recommend the

OUTFIT No. 1—D. fitted with No. 1 Spramotor, 10 feet Hose with couplings, 1 Hand Valve, 1 Bamboo Extension Rod and 2 nozzle cluster with nozzles. Price complete without barrel.. .. $17.00
Same with 3 nozzle cluster, $18.00. Barrel, $3.00 extra.

OUTFIT No. 1—F. same as described for No. 1 D, with exception that it is fitted with Iron Rod.. .. .. $15.50
Same with 3 nozzle cluster.. .. .. 16.60

OUTFIT No. 1—E. same as described for No. 1 F. fitted with 1 nozzle.. .. 14.00

The No. 2 SPRAMOTOR is capable of handling up to six nozzles by hand power, and sixteen if worked in connection with Gazoline, or other power engine. As before explained it is the same as the No. 1 SPRAMOTOR, the only difference being that it is of greater capacity. The outfits which we recommend in this size are as follows:

OUTFIT No. 2—F. being comprised of Spramotor Jr. No. 2, 2 lines of hose each 10 feet long, 2 Bamboo Extension Rods, 2 Hand Valves and two two nozzle clusters with nozzles.
Price without barrel.. .. .. $27.00
Same with Iron Rods.. .. .. 24.00

OUTFIT No. 2—G. being Spramotor Jr. No. 2 with 1 line of hose 10 feet long, 1 Bamboo Extension Rod, 1 Hand Valve and one 3 nozzle cluster with nozzles.. .. .. 21.00
Same with Iron Rod.. .. .. 19.60

OUTFIT No. 2—H. same as described for No. 2 F. being fitted with two 3 nozzle clusters.
Price without barrel.. .. .. 29.20
Same with Iron Rod.. .. .. 26.00
Extra for Brass machine of the No. 1 or 2 size, $3.00.

THE NEW NOZZLE RING CLUSTERS

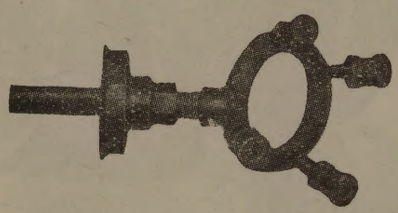


Fig. 30.

The illustration shows the latest development of clusters of nozzles. They are economical and will save their cost in ten days' use, and yet do more perfect work than any other. They have been carefully tested in actual work and are fully guaranteed.

Price—3-nozzle cluster $2.00
" 4-nozzle cluster 2.50
" 6-nozzle cluster 3.25
" 8-nozzle cluster 4.00
Drip-guard for iron extension pipe, extra, 40c.

NOZZLE CLUSTERS

Fig. 47

2-nozzle cluster 50c., with nozzles, $2.00.

3-nozzle cluster 60c., with nozzles, $2.85.

SPRAMOTOR NOZZLE

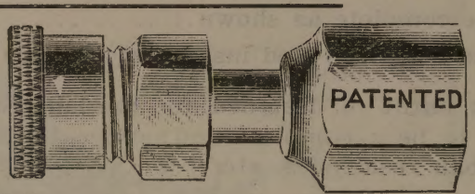


Fig. 57.

The best for whitewashing and all other purposes yet invented. Price, 75c.

SPRAMOTOR NOZZLE

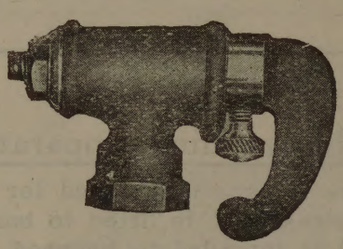


Fig. 39.

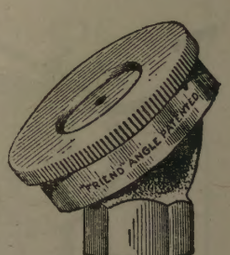
This Nozzle has advantages not possessed by any other style. The spray can be graduated from smallest fan shape spray up to a solid stream. It can be disgorged in an instant by reversing the handle.

Is not easily clogged.

Price $0.75

FRIEND NOZZLE

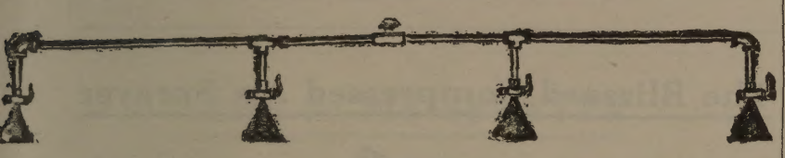
The original large spray nozzles doing away with the cluster. The only ones with the maker's name and word "Patented" stamped upon them. They have no horns, hooks, nothing to catch, drip or clog. Make the finest mist-like spray. Drive the spray farther into the trees than the cluster. The "Angle" sprays up under the leaves and down into the CALYX. The "Regular" is for ordinary work. State which is wanted. Satisfaction guaranteed or money refunded. Price, $1.50.



"FRIEND" ANGLE DOUBLE-BALL SHUT-OFF

Keeps the operator's hands and clothing dry. It cannot leak. It is quick and positive in its action. As the hose hangs in a natural position where it approaches the valve, it prevents bursting,, thus saving hours of time and annoyance. The valve fits ¼-inch standard pipe and standard hose coupling. Price, $3.00. Postage extra, 20 cents. Satisfaction guaranteed.

IRON ROW SPRAYER



These Iron Row Sprayers are of fixed width between the nozzles, made to suit any width up to 42 inches width at the same price or will be fitted with the rack and support.

4 Rows—Without nozzles, $2.00. With nozzles $5.00

5 Rows—Without nozzles, $2.50. With nozzles, $6.25

BRASS ROW SPRAYERS

The nozzles, as priced below, are adjustable from 26 to 36 inches, but may be arranged to any desired width at a proportionate advance in price.

2 Rows with nozzles all brass, adjust. 26" to 36"	$3.70
3 Rows with nozzles all brass, adjust. 26" to 36"	5.30
4 Rows with nozzles all brass, adjust. 26" to 36"	7.00
5 Rows with nozzles all brass, adjust. 26" to 36"	9.60

BAMBOO EXTENSION ROD

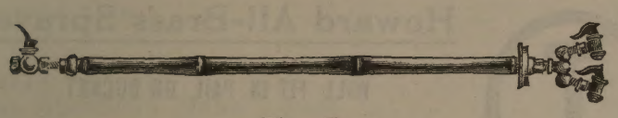


Fig. 49.

No iron is used in its construction, the seamless tube extending inside the bamboo being of brass, with brass connections at the ends, interchangeable with other sizes; will be made 6, 8, 10, 12, or 14 feet long.

A water drip guard and end, prevents any drip from the nozzles running down the bamboo pole on to the operator's hands.

Price—Bamboo Rod—

8 feet	$2.00	12 feet	$2.75
10 feet	2.50	14 feet	3.00

IRON EXTENSION PIPES

Iron Extension Pipe is made in lengths to suit purchasers — either six or eight feet. Each, 60c.

SPRAMOTOR HAND VALVE

This valve can be instantly closed or opened by a simple pressure of the hand, is packed and closed by spring pressure, is of brass, carefully made, and it has one great advantage over stop-cocks, it will not leak through the nozzle or through the packing. It can be opened or closed with one hand while pumping with the other hand. For whitewashing or painting work it is invaluable. Price, $1.00.

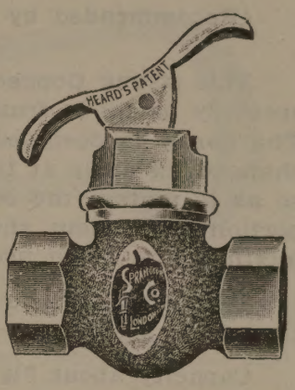
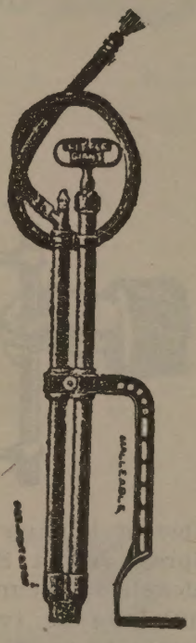


Fig. 52.

BUCKET SPRAY-PUMP

Constructed entirely of brass. It will throw a solid stream 50 feet, is of value for spraying fruit trees, washing windows, buggies, sprinkling lawns, flowers, etc. For spraying it is arranged so as to discharge a fine jet in the bottom of the bucket and keep the solution thoroughly mixed and agitated, a feature peculiar to this pump only, and a very necessary feature to a spray pump.



Price	$3.50
With extension rod	4.00

THE ROCHESTER SELF-OPERATING SPRAYER

The air enters the sprayer through the valve at bottom of pump, thoroughly agitating and mixing the contents of sprayer. The compressed air, being powerful, forces the liquid out through the outlet pipe, making either a fine spray or a solid, continuous stream as desired. This size machine holds from 3 to 4 gallons. Made of brass. Price, $7.50.

Extension Pipe. Made of solid brass. Three feet in length. Several lengths of pipe may be screwed together. 50c. each.

VERMOREL'S 'ECLAIR" KNAPSACK SPRAYER

(Recommended by the Board of Agriculture and other authorities).

This strong Copper Sprayer most effectively discharges all fluids. It is specially useful in fruit gardens, where it will in one season repay its cost. The nozzle is designed to deliver the spray in any direction, and may be changed instantly at the will of the operator. The pump action is arranged so as to agitate the contents — thus keeping the mixture in uniform proportion throughout the process of spraying; this is essential when thick mixtures are being used.

The "ECLAIR" is a reliable and durable machine, simple of construction. Any portion can be replaced at trifling cost.

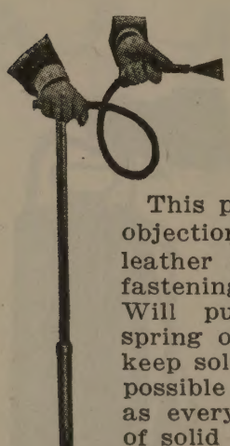
Capacity about 3¼ gallons.

Wherever it has been used it has given entire satisfaction. Price $15.00

ENOTS COMPRESSED AIR SPRAYER

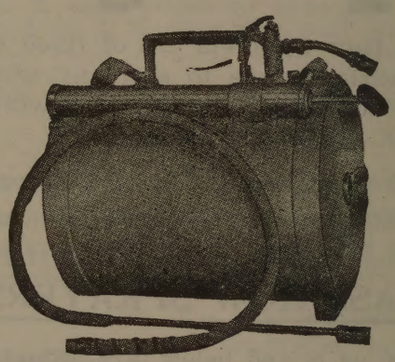
This is the best Sprayer of its class that has come under our notice, and we can thoroughly recommend it to every Horticulturist and Florist, for applying fungicides and insecticides. It is a beautifully finished article, consisting of a copper reservoir capable of holding four pints of liquid, an improved Spray Jet, a Stop Cock, and Filler Cap, and a nickelled Pneumatic Pump. When the vessel is full, one or two strokes of the pump are sufficient to start the spray, at the same time causing agitation to the liquid, thus preventing the accumulation of sediment. The spray, which is as fine as mist, continues for several minutes, and can be discontinued for any length of time and re-started wi'hout further pumping. Price, $9.00.

JUNIOR No. 5 SPRAY AND FORCE PUMP



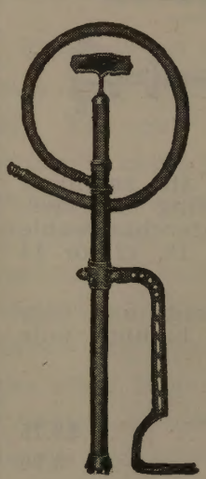
This pump does away entirely with the objectionable foot rest. The clamps, leather suction packing, etc., require no fastenings, as they hold themselves down. Will pump from a pail, barrel, tank, spring or creek. Has automatic mixer to keep solution stirred. It is practically impossible for any part to get out of order as everything except handle and hose is of solid brass. Throws three sizes of solid continuous streams and two sizes of fine round spray. $4.00.

The Blizzard Compressed Air Sprayer



The tank of this machine is made of a galvanized iron and the attachments of finished brass. It has no complicated parts to get out of order and unlike other sprayers it requires but one pumping to expel the entire contents of the tank. Is fitted with a strap for carrying over the shoulder and when in operation is as convenient to carry as an ordinary suit case. We provide two nozzles. One short one as shown in cut and a hose attachment for spraying small trees. This sprayer, which has been well tried, will prove invaluable for spraying potatoes or other garden and farm plants, shrubs. small fruit trees, and for greenhouse work. Price, $6.50, each.

Howard All-Brass Sprayer



WILL FIT IN PAIL OR BUCKET

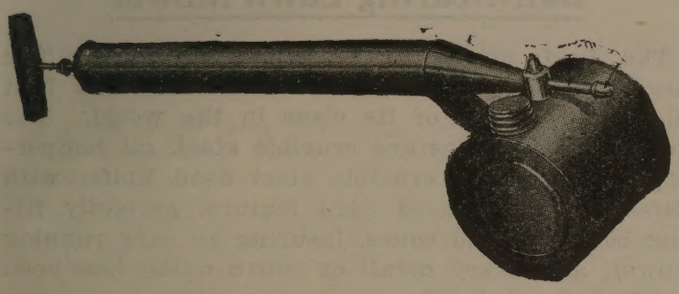
This Spray Pump is made entirely of Brass, with the exception of the handle and stirrup, which are made of malleable iron. Has brass ball valves, and valve seats, brass plunger. No parts to wear, no leathers used in this pump.

The large Air Chamber on this pump enables the operator to keep a constant pressure on the nozzles, from 50 to 100 lbs., with little exertion.

Rapid pumping is not necessary. This pump is adapted for all kinds of spraying purposes, including whitewashing spraying disinfectants. trees, shrubbery vegetables, washing wagons, windows, etc.

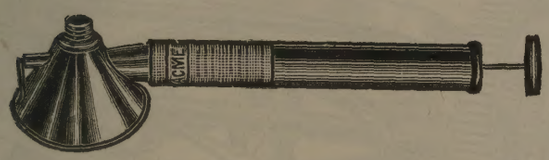
Price $4.00, with Bordeaux Nozzle, $1.00 extra.

COMPRESSED AIR ATOMIZER



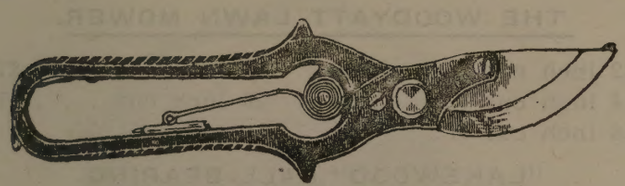
The most perfect small hand **compressed air sprayer made.** Delivers a continuous fog-like spray. Is fitted with straight and adjustable nozzles making a perfect under leaf sprayer. In fact, spray can be delivered at any angle or position desired. Made in solid brass highly polished; holds 1 quart. Price, $1.50.

THE ACME SPRAYER



Sprays fluids in the form of mist. Just what is needed for applying liquid insecticides and fungicides. The tapering point to the air-chamber gives great force to the spray. Price, Tin, 60c. Galvanized Iron, 80c. Brass $1.00.

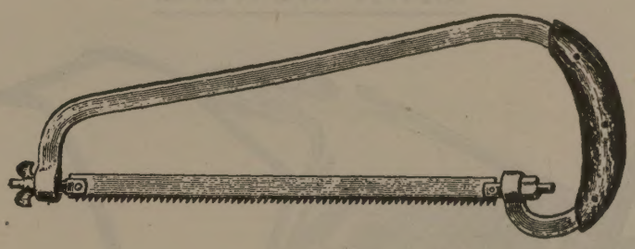
Secateurs, Best French Wheel Spring



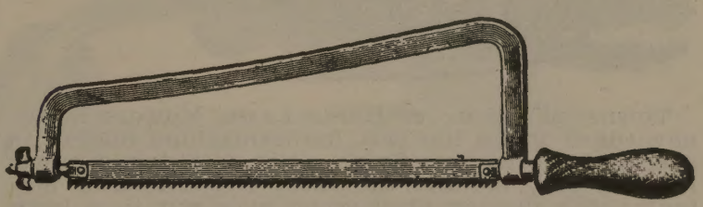
These have a distinct, very easy working spring and are especially desirable for one whose hand is liable to fatigue when pruning.

French, 6 inch	$1.00
French, 7 inch	$1.25
French, 8 inch	$1.50
French, 9 inch	$2.00
Best American Make 8 inch	$0.75
Best American Make 9 inch	$1.00

Adjustable Blade Pruning Saw No. 1



Can be adjusted and used at any angle. So branches can be easily removed close to the trunk of the tree; cuts cleanly and rapidly; light and strong, $1.25.

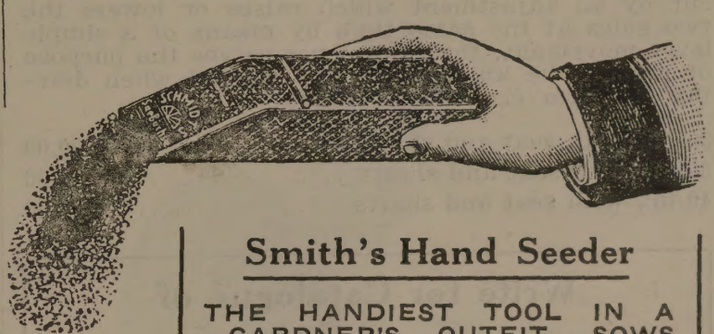


Adjustable Blade Pruning Saw, No. 2 .. .. $1.25

Disston adjustable blade pruning saw, the very best on the market, $2.00.

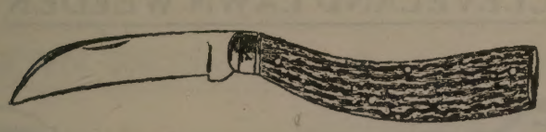
TREE SCRAPERS

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. Price, 85c. each.

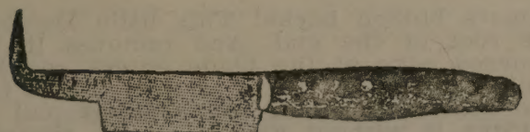


Smith's Hand Seeder

THE HANDIEST TOOL IN A GARDNER'S OUTFIT. SOWS SEED REGULARLY SAVES THINNING OUT. EACH 50c.

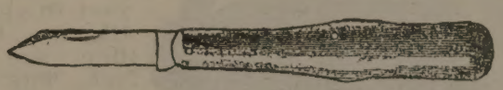


Pruning Knives, $1.00 to $1.50 each.



Wedge Knife for top Grafting, each $1.50.

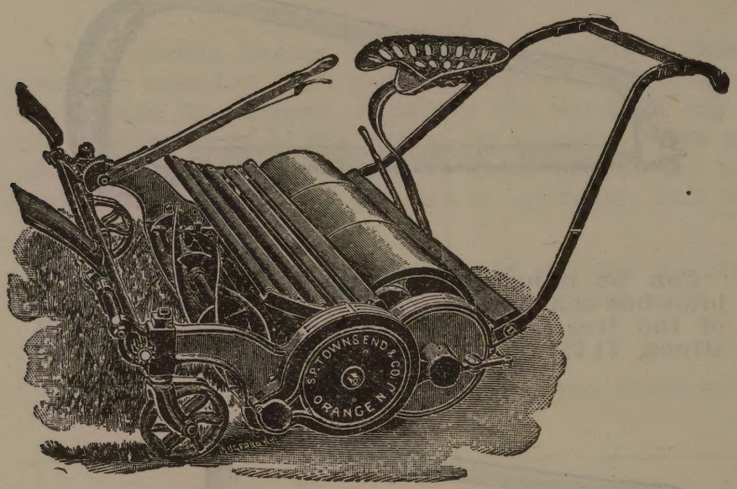
Asparagus Knife, each $1.50.



Budding Knives, $1.00 to $1.50 each.

Hotbed Thermometers, $1.25 to $2.50 each.

TOWNSEND'S KING OF HORSE LAWN MOWERS



Townsend's King of Horse Lawn Mowers is acnowledged to be the best horse machine made. Its special features are: Triple rolls with triple pawls in each roll, making the most powerful and instantaneous driving mechanism ever put in a lawn mower. This feature maintains the motion of the blades even in turning sharp corners. A lever beside the driver enables him to cut any height from the ground and to easily and quickly raise the blades over stones or other obstructions without stopping the horse or leaving the seat. Large rolls 15 in. in diameter insure great power and ease of movement.

Price: 30 in. cut, $90.00; 35 inch cut, $97.00; 38 inch cut, $105.00.

COLDWELL'S IMPROVED HORSE LAWN MOWER

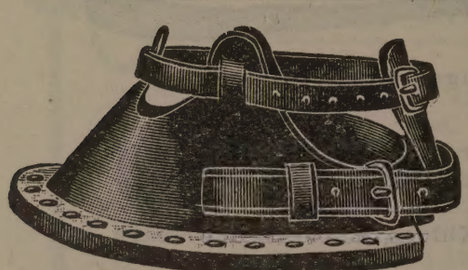
It has side draft attachment to enable the horse to walk on the cut grass only. We secure eveness of cut by an adjustment which raises or lowers the two sides at the same time by means of a simple lever movement; the same lever serves the purpose of raising the knives from the ground when driving over gravel walks or roads.

30 in., with seat and shafts	$ 90.00
35 in. with seat and shafts	112.00
40 in., with seat and shafts	130.00

Write for Catalogue of

Coldwell's Motor Lawn Mower, Free

HORSE LAWN BOOTS



These Boots have been improved from year to year until we believe they are perfect. The sole is hardened, filled with steel rivets and made water proof. The construction is entirely with rivets. — no stitching whatever.

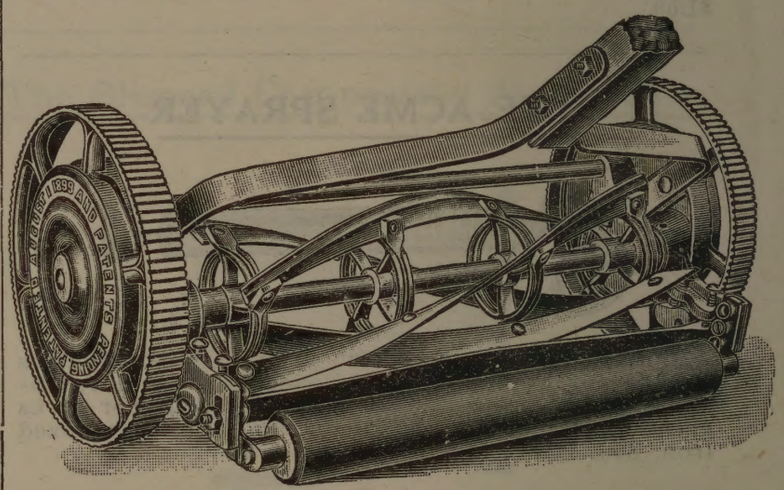
It is fastened to the horse's foot, not to the ankle, giving free action and no chafing.

The Great American Self-Sharpening Ball-Bearing Lawn Mower

The first successful Ball-Bearing Mower. The largest sale of any. The most imitated and best all-around Mower of its class in the world. The five cylinder blades are crucible steel, oil tempered and hardened, crucible steel dead knife, with self-sharpening raised edge feature, perfectly fitting ball cups and cones, insuring an easy running Mower, and every detail of construction has been carefully carried out.

Price: 15 in., $15.00; 17 in., $16.00; 19 in., $17.00; 21 in., $19.00.

All blades in these Mowers are CRUCIBLE TOOL STEEL, hardened and tempered in oil.



We supply all Leading Lawn Mowers including the following:

THE WOODYATT LAWN MOWER.

12 inch cut . . .	$5.50	18 inch cut . . .	$7.00
14 inch cut . . .	6.00	20 inch cut . . .	7.50
16 inch cut . . .	6.50		

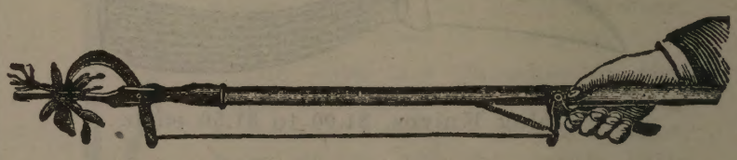
"LAKEWOOD" BALL-BEARING.

14 inch cut . . .	$8.25	18 inch cut . . .	$8.75
16 inch cut . . .	8.50		

"RAJAH" BALL-BEARING.

14 inch cut . . .	$12.00	18 inch cut . . .	$16.00
16 inch cut . . .	14.00	20 inch cut . . .	18.00

CLEVELAND LAWN WEEDER



No more broken backs! This little Device Gets at the root of the evil. And removes it Bodily. The curved edge of the blade enters and loosens the soil, pressure on the lever then causes toothed jaw to grasp the plant, and a slight pull suffice to dislodge it without disturbing the surrounding sod. Each 80c.

THE "PENNSYLVANIA" LAWN MOWER

Is claimed to be the Lightest Running, Swiftest Cutting, and Easiest in Work of any Mower in the World.

A good word from the most famous of them all: The Royal and Ancient Golf Club, St. Andrews, Scotland. The New 17-in. Ball Bearing, Close Cutting Golf Mower supplied this year, I consider one of the "Cleanest Cutting, sweetest running machines on the market. I used it on our Greens during the Amateur Championship with satisfactory results. — Hugh Hamilton, Green Keeper, June 1st, 1911.

These Machines are used on the Golf Links of His Majesty the King, and by a large number of the Principal Golf Clubs, as well as in many of the most important Gardens of the United Kingdom.

This machine, both low and high wheel, pattern, can be adjusted to cut 3-16 of an inch, practically shaving the lawn, and is especially adapted for Golf Link, Tennis Courts and fine lawns. Has a double train of gears.

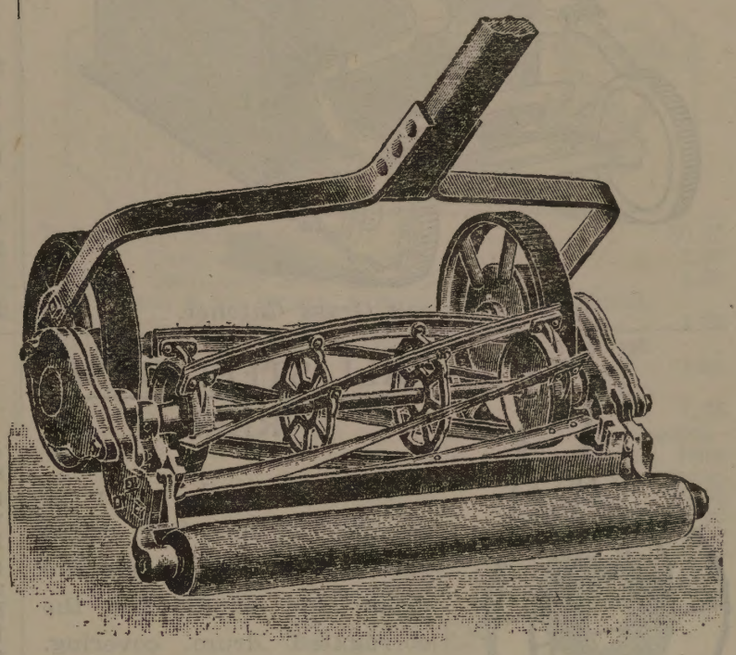
This illustration shows the Mower fitted with a narrow, smooth **Solid Iron Roller** following behind the Machine and 4 inches wider than the Cutting Cylinder. Intended specially for Bowling Greens and Putting Greens, **to act as a turf smoothing iron,** and where the use of a heavy roller is not needed or advisable.

The iron Roller is also a very valuable attachment for use on soft spongy, mossy, or uneven lawns, and does not appreciably add to the labour of driving the machine.

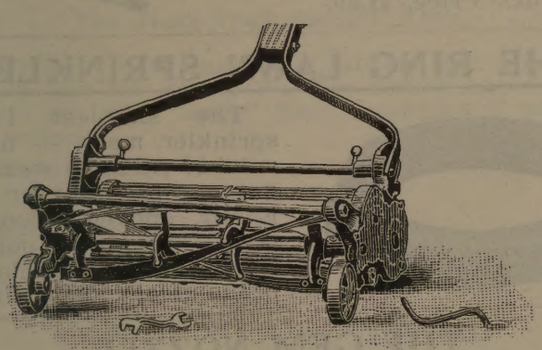
THE "FIELD" Says:—"We strongly recommend the "PENNSYLVANIA"

Price High Wheel Pattern

17 inch	$28.00
19 inch	31.00
21 inch	34.00



BORDER AND TERRACE MOWER



Especially designed to cut grass on borders, terraces, mounds, and all uneven surfaces. It has a steel open roller; 4 blades, very light running, and will give thorough satisfaction.

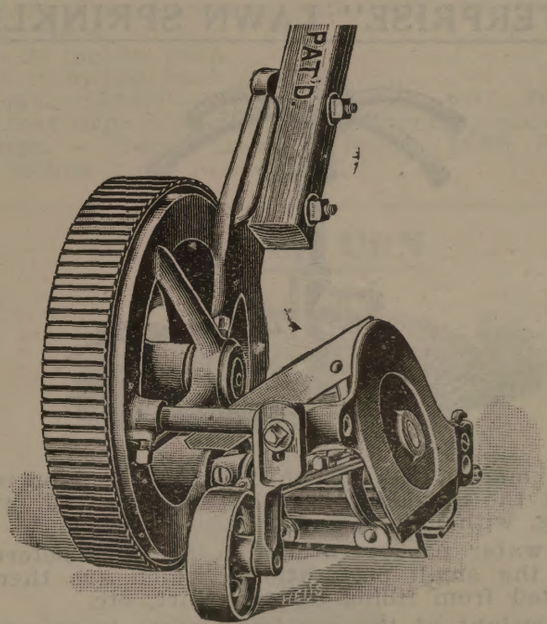
10 inch	$ 9.00
12 inch	10.00
14 inch	11.00
16 inch	12.00
18 inch	13.00

LAWN WEEDER

No. 3, A "fishtail" style, 10-inch blade, drop forged, well ground, enameled shank, securely fastened to wood handle. Although especially designed for cutting out weeds on the lawn, or for any weeding or stirring of the ground. It can be used effectively for cutting Asparagus. Each, 75c.

No. 1. For those who want the flat kind. Each, 75c.

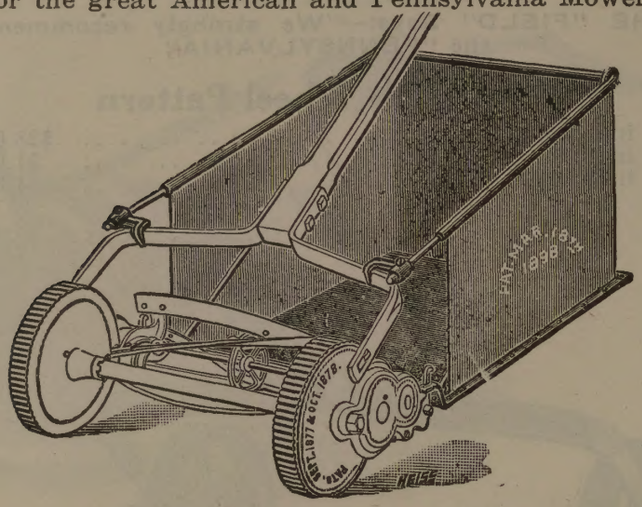
THE NEW UNDER CUT LAWN TRIMMER



The latest and best machine for trimminng grass close up to the fence or wall, thus reducing hand work with shears to a minimum. It will also be found handy for trimming up around trees, under bushes, etc. It cuts 6 inches in width. This Lawn Trimmer is a high-grade machine in every respect with self-adjusting ball bearings. Price $9.50.

GREAT AMERICAN GRASS CATCHERS

For the great American and Pennsylvania Mowers.



Great American Grass Catcher.

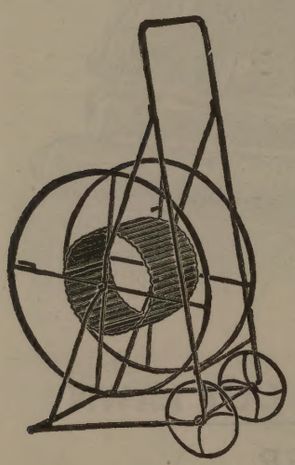
Canvas Sides, galvanized bottom that will not sag. Supported by truss rods not attached to handle. Instantly detached or can be emptied by dumping forward.

Sizes to correspond to size of mower. 15-in. or 16-in. $2.50, 17-in. or 18-in. $3.00, 19-in. $3.50, 21-in. $3.75

GRASS CATCHERS 'LEADER"

Made of canvas and are adjustable for height and will fit all sizes and makes of mowers They can be taken off and put on quickly and easily without the use of tools. The sides project slightly beyond the ends of mower, thus taking grass that would otherwise fall on the lawn. The frame is made of steel. No. 2 for high or low wheels mowers 12, 14 and 16 inch. Each, $1.25.

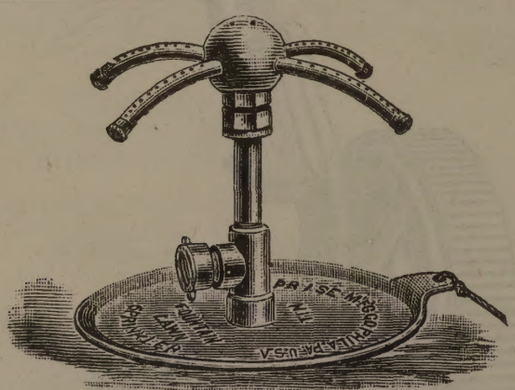
No. 3 for high wheel mowers, 18, 20 and 22 inch. Each, $1.50.



ALL STEEL HOSE REEL

Made of steel rods electrically welded into three solid parts. The wheels and drum, the handle and the corrugated drum covering. No automatic get out of order contrivance. Simple though satisfactory. Each $3.00.

"ENTERPRISE" LAWN SPRINKLER



Each machine is furnished with a cord or rope, so that the Sprinkler may be easily moved, when running, without going near it.

The water passes through a Strainer before it enters the small perforations, which are thereby prevented from filling up with dirt, etc.

The weight of the revolving parts is supported by the water. This reduces wear to a minimum.

All parts of the Machine are made sufficiently strong for ordinary rough usage, and are interchangeable.

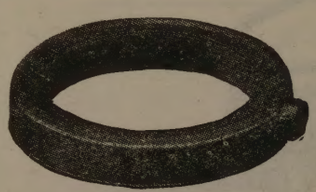
The machine is **tinned** and **nickel-plated** and is of very handsome appearance. Each, $5.00.

THREE-ARM LAWN SPRINKLER

This fills the want for a low-priced arm Sprinkler; it is compactly and strongly made with phosphor-bronze bearing, and will cover a space 48 feet in diameter with suitable pressure of water. The arms are brass, stand and legs of iron handsomely japanned. The water flows freely through an unobstructed channel, so there is no clogging — it stands 12 inches high.

(See cut). Price, $1.50.

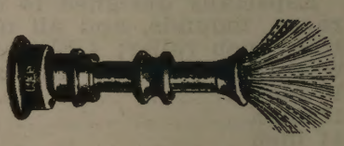
THE RING LAWN SPRINKLER



The simplest lawn sprinkler made — no revolving parts to wear and get out of order or leak. Easily moved about the lawn — made of polished brass—light, durable and economical. Price, 75c.

THE GEM NOZZLE

A high grande nozzle, thoroughly well made and finished. With shut-off and will throw a solid stream or spray. Quick and positive action. Each 75c.

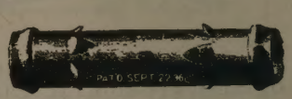


HOSE COUPLER

Per set, 30c.

Cooper Hose Mender.

Brass; will not rust or wear scarcely decreases the flow. No fastening required; barbs hold hose firm. Price, each, 15c.; doz., $1.50.



SEND FOR "COMPLETE CATALOGUE" OF POULTRY SUPPLIES.

ANDREWS

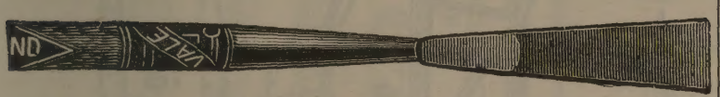
Cast Iron Vases

For Parks, Lawns and Cemetery use — the **Best** Vase made, self-watering, sub-irrigating. **Greatest results** for time, money and efforts expended. Our prices are reasonable.

Send for Catalog.

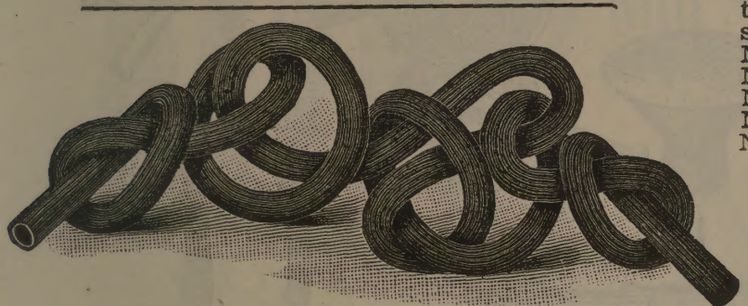
THISTLE OR WEED CUTTER

Handle is 5 feet long.



Tempered and polished steel blade, solid shank. Each, 60c.

MULTI-PED RUBBER HOSE



The Hose that doesn't Kink.

Best hose, finest quality of rubber. Will not kink, and will last for years. We can supply any length, and will fit with "snap" hose couplings if advised when ordering.

¾ inch, per foot 22c.

½ inch, per foot 18c.

Furnished in any length.

Ordinary quality, market price.

HOSE CLAMP

For fastening couplings and menders in hose.

Each, 5c.; per doz., 50c.

Haws Improved Watering Cans

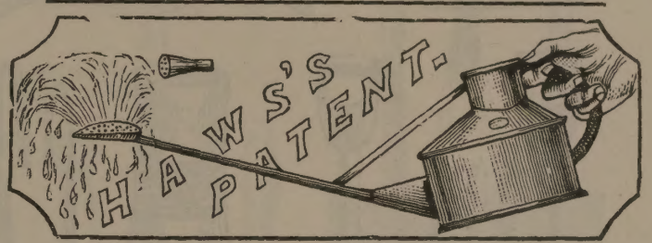
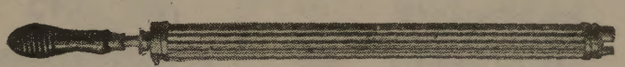


Table Decorating Cans, 1 pint	$0.75
Ladies' Can, one Pot Rose, 1 quart	1.00
Ladies' Can, one Pot Rose, 2 quarts	1.25
Shelf Can, 9 in. spout, 1 Rose and extra joint, 2 quarts	1.25
Shelf Can, 9 in. spout, 1 Rose and extra joint, 3 quarts	1.50
No. 1, Propagating Can, 2 Roses and extra joint for Spout, 3 quarts	1.75

These are the same style as shown in illustration, and are very serviceable for watering fine seeds as well for all Greenhouse and Garden work.

No. 2. with 2 Roses, 4 quarts	$2.00
No. 3, with 2 Roses, Iron bound, 6 quarts	2.25
No. 4, with 2 Roses, Iron bound, 8 quarts	2.75
No. 5, with 1 Rose, 1 Spreader, 10 quarts	3.25
No. 6, with 1 Rose, 1 Spreader, 12 quarts	3.50

SYRINGES



SYRINGE, THE "FOUR OAKS" PATENT UNDENTABLE SYRINGE.

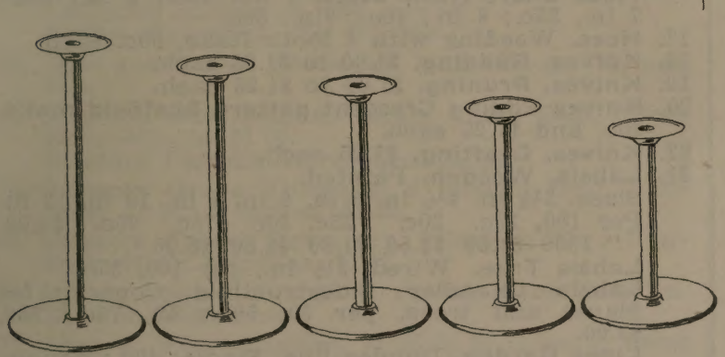
"Four Oaks" Undentable Syringe, the Gardener's Ideal Syringe, complete with Jet, also fine and coarse roses.

1½ x 20 inches, each	$11.00
1½ x 18 inches, each	10.00

Syringe, "Abol".—Spraying, fitted with Purser's Patent drip preventer. 1 x 20 inches, each $5.00.

Syringe. — Heavy brass, 18 inches, $1.50; Special, 18 inches, brass heavy, $2.25.

FANCY PLANT STAND



Made of solid iron painted green. The best stand made for greenhouses and window decorations.

	Each.
15 inches high	$0.60
18 inches high	.85
24 inches high	1.10
30 inches high	1.35
36 inches high	1.60

FLOWER URN

30 inches diameter (from outside of brackets). Earth Pot 15¼ inches diameter. Suitable for Lawns, Cemeteries, Public Gardens, Parks, etc. Price, $12.00.

GARDEN REQUISITES, ETC.

Fig.

1. **Asparagus Bunchers.** $3.00 to $4.50.
2. " **Knife.** English, 75c. to $1.50.
3. **Atomizers.** Scollay's Rubber Sprays. $1.50, $1.25, $1.00 and 75c. each. Angle Neck, $1.50 each.
4. **Bill Hooks.** Extra strong steel. $1.15, $1.25, $1.40 each.
5. **Dibbles.** Shod. 40c. each.
   Forks' Border. Best English make. $1.50 each.
6. **Forks, Digging.** English $1.50 to $2.00 each.
7. **Forks, Weeding.** 40c. each.
8. **Forks, Digging.** Canadian. $1.25 each.
9. **Flower Holders.** Jasper, chocolate or green, 15c., 20c., 30c., 60c., and 75c., each.
   Garden Tools, in sets. $1.50 to $2.00.
10. **Gloves, Men's; Drummond's.** 75c to $1.25.
    Gloves, Ladies' with gauntlets, 75c. to $1.00.
11. **Glazing Points.** Peerless (The Improved Van Reyper), made in three sizes. Per 1000, 80c.
12. **Grass Hooks.** Fox imported No. 2, 40c.; No. 3, 50c.
    Grafting Wax. L'Homme Lefort. 25c., 40c. and 60c. per tin.
14. **Boston Rose Spray.** Brass, for ¾ inch hose. Useful for watering lawn and garden, can be be had with coarse or fine spray; 75c. each.
15. **Hoes. Steel Triangle. 75c. each.**

Fig.

16. **Hoes Dutch.** 4 in., 40c.; 5 in., 45c.; 6 in., 55c.; 7 in., 60c.; 8 in., 65c.; 9 in., 75c.; 10 in., 85c.
    Hoes Short Neck Steel, 5 in., 25c.; 6 in., 30c.; 7 in., 35c.; 8 in., 40c.; 9in., 50c.
17. **Hoes.** Weeding with 4 tooth Rake, 50c. each.
18. **Knives, Budding.** $1.00 to $1.25 each.
19. **Knives, Pruning.** $1.00 to $1.25 each.
20. **Knives Edging Crescent pattern Sheffield make.** 90c. and $1.25 each.
22. **Knives, Grafting.** $1.25 each.
21. **Labels, Wooden.** Painted.
    Sizes, 3½ in. 4½ in. 5 in. 6 in. 8 in. 10 in. 12 in.
    Per 100, 15c. 20c. 25c. 30c. 75c. 90c. $1.00.
    " 1000 $1.00 $1.50 $1.80 $2.50 $5.00
    Labels Tree. Wired, 3½ in., per 100, 35c.
    Labels Chandler Indestructible Copper, for plants and trees, per 30, 50c.; 50, 75c.; 250, $3.00.
    Lines Garden. Dundee line. Single, 40c.; double, 75c.
    Mole Traps. 15c., 20c. and $2.00 each.
    Peat. Improved Wimbledon. Per sack, $2.75.
    " Orchid. Special quality. Per sack, $5.00.
    Putty Bulbs. Each, $1.50.
24. **Pruners Water's.** Tree, 8 ft., $1.00; 10 ft., $1.25.
    Rakes Garden. Best Canadian. 12 tooth, 60c.; 14 tooth, 70c.; 16 tooth, 75c.
25. **Rakes Lawn.** Hustler, all steel, with stiff wire teeth, 75c.
    Rakes Dunn's. For cutting dandelions off lawns, 75c.

GARDEN REQUISITES.—Continued.

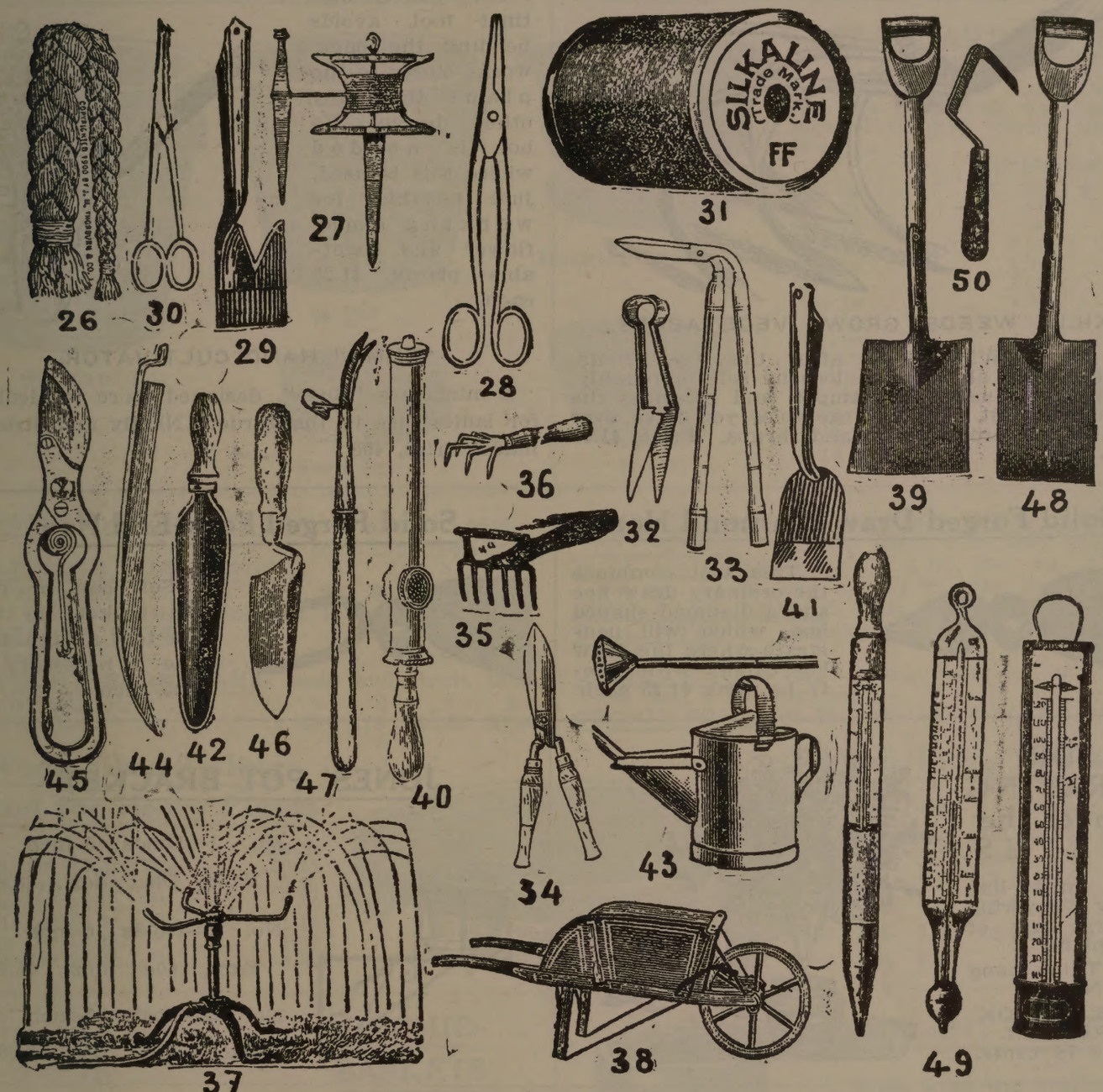


Fig.

26. **Raffia.** For tying. Extra quality, all faulty and defective extracted. 30c. pound.
Raffia. Coloured. Per lb., 75c.

27. **Reel and Stake.** Malleable Iron. Each, 75c. and 90c.

44. **Scythes.** Best English Lawn, $1.25; Best Canadian, 60c. to $1.00.
Scissors Florists Wire. 50c. each.

28. **Scissors Grape Thinning.** 6 inches, 75c.; 7 inches, $1.00; 8 inches, $1.25.

30. **Scissors Flower Gatherers.** 6 inches, 75c.; 7 inches, $1.00; 8 inches, $1.25.

33. **Shears Edging,** 8 to 10 in. blades. Long Handles. $2.00 to $3.00 each.

34. **Shears.** Short handles, $1.00 to $1.75 each; Long handles, flat blades, $2.50 to $3.00.

32. **Shears Verge or Sheep.** Trowel Shank and Crank Shank, $1.00 to $1.25.
Sieves. $1.00 each.

39. **Shovels,** square or round mouth, $1.25 each.

48. **Spades.** Best Canadian and English make. $1.00 to $2.00 each.
Spades for boys and ladies. 60c. each.
Bamboo Stakes Green, 1½ ft., 50c. per 100; 2 ft., 75c. per 100; 3 ft., $1.00 per 100.

Fig.

Bamboo Stakes. Chinese, 3 feet, $1.00 per 100; 4 feet, fine heavy and medium. Per 100, $1.50; per doz., 25c.; 7 feet, per 100, $3.50; per doz., 50c.

31. **Silkaline.** Per spool, 30c.
Stakes Wire, 2 feet, 75c.; 3 feet, $1.25; 4 feet, $1.50 per 100.
Tar Twine thin, 30c. per ball; **Medium,** 50c. per ball.

49. **Thermometer Japanned,** 10 in., 35c. each.
Thermometer Standard Cabinet, 10 in., $1.00: **Thermometer Hot-Bed,** $1.00 to $1.50 each; **Minimum Thermometer Registering,** $2.00 each; **Minimum and Maximum Registering Thermometer,** $3.00 to $5.00.
Tin Foil. 25c. a lb.

42. **Trowels Standard Angle.** 40c. to 60c. each.

46. **Trowels,** 6 in., 25c. to 60c.

43. **Watering Cans,** common, 25c. to $1.00 each.

35. **Weeders Combination,** 35c. each.

36. **Weeders Excelsior,** 15c. each.

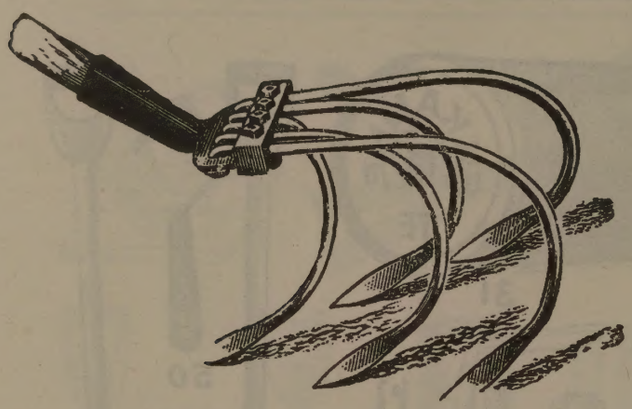
50. **Weeders Hazeltine,** best cast steel. A handy and useful tool. 30c. each.

41. 29. **Weeders Spuds.** 40c. to 50c. each.

47. **Weeders Daisy Grubbers.** 75c. each.

38. **Wheelbarrows,** various patterns, from $3.00 to $6.00 each.

THE "BUCO HAND CULTIVATOR"



KILLS WEEDS, GROWS VEGETABLES.

It gets DOWN DEEP after the weed roots, cleanse them all out and loosens soil thoroughly. Saves time muscle and temper, and produces the cleanest, nicest rows of vegetables you have ever seen. Great around trees and shrubs. Price, $1.25 each.

MEHLER HANDY GARDENER

An entirely distinct tool, avoids bending the back, works closer to the plant than any other device. No hoe is needed where this is used, just the thing for working among flower and vegetable plants, $1.25 each.

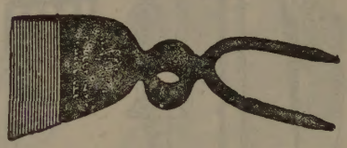
"CUMA" HAND CULTIVATOR.

A miniature "Buco", designed more particularly for ladies' use in the garden. Neatly and strongly made. Price, 40c.

Solid Forged Draw-Diamond Hoe

This tool combines the ordinary draw hoe and a diamond-shaped hoe, which will penetrate where the draw hoe cannot with safety be used. $1.25 each.

Solid Forged Fork-End Hoe



Soil can be hoed and broken up with this tool at the same time if necessary. $1.25 each.

FOR SPRAYING under the LEAVES

A mist like spray covering "every part of the plant."

The Thing Long Needed

THE LENOX SPRAYER.
Price 75 cents.

JONES' POT BRACKET

No. 1—Holds 5-inch pot. Each, 50c.; doz., $5.00.

No. 2—Holds 6-inch pot. Each, 60c.; doz., $6.00.

No. 3—Holds 7-inch pot. Each, 75c.; doz., $7.00.

The Ever-Ready Flower Pot Cover

Consists of a Strong Cardboard Foundation, outside covered with best quality Waterproof Crêpe Paper, tied with Silk Fibre Ribbon at top and bottom, and all firmly put together with Improved Metal Fasteners.

The Ever Ready Cover, was introduced for the purpose of supplying an inexpensive, durable, artistic cover, requiring no loss of time to anyone to put it into instant use. The rapid introduction and large demand for the Ever-Ready shows that it supplies perfectly the need of the public.

Size	Each	Doz.
4 in.	$0.18	$1.60
5 in.	.20	1.75
6 in.	.25	2.25
7 in.	.30	2.50
8 in.	.35	2.75

FLOWER POTS

We pack carefully, so can make no allowance for breakage. Packing charged extra for shipping out of city.

Standard Pot

¾ Pot

Fern Pan

Hanging Basket

½ Pot

STANDARD POTS

To Florists and those buying in large quantities we shall be pleased to give special quotations.

	Per 100	Per doz.
1¾ in	$ .60	$ .08
2 in	.70	.10
2½ in	.80	.12
3 in	1.00	.15
3½ in	1.20	.20
4 in	1.50	.25
4½ in	1.90	.30
5 in	2.60	.35
6 in	4.00	.60
7 in	7.00	.90
8 in	12.00	1.60
9 in	.....	2.25
10 in		30c. each
12 in		60c. each
14 in		90c. each

SAUCERS CHARGED EXTRA, ½ price of pots.

	Inch.	Inch	Inch	Inch.
HALF POTS FOR FERNS	6	7	8	10
Per dozen	.50	.90	$1.40	$2.00

12 ins. 25c. each; 14 ins. 40c. each.

¾ AZALEA POTS	6	7	8
Per dozen	.60	$1.00	$1.75

	Inch.	Inch.	Inch.	Inch.
STRAIGHT FERN PANS (without rim)	5	6	7	8
Per doz	.50	.75	$1.00	$1.50

HANGING BASKETS GLAZED WITH SAUCER ATTACHED, 8 in., 35c. each; 9 in., 40c. each.

WIRE HANGING BASKET, 8 in., 20c., ea.; 10 in., 30c. ea.; 12 in., 40c. ea.; 14 in., 50c. ea.

SEED PANS SQUARE, 8 in., 25c. ea.

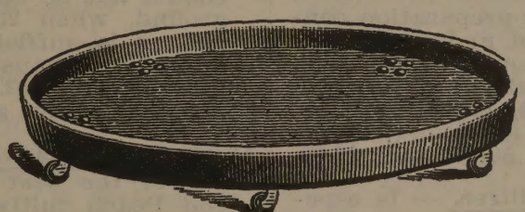
TALL POTS for growing Lilies, 12 x 5, 35c. ea.; 14 x 7, 50c. ea.

ORCHID POTS, 5 in.,, 30c. ea.; 6 in., 40c. ea.; 7 in., 50c. ea.; 8 in., 60c. ea.

ORCHID PANS, 6¼ in., 50c. ea.; 7 in., 60c. ea.

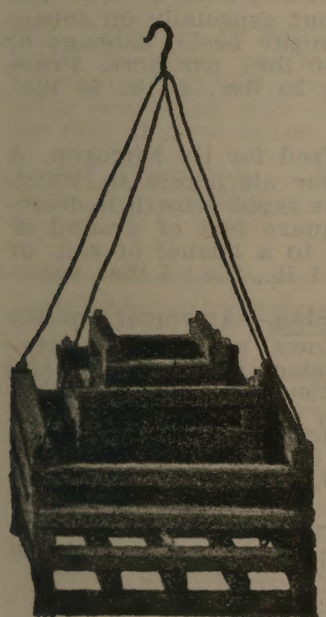
Wood Fibre Rolling Stand for Heavy Plants

	Each
12 in. for 10 in. Pot	$0.75
14 in. for 12 in. "	0.85
16 in. for 14 in. "	1.00
18 in. for 16 in. "	1.25
20 in. for 18 in. "	1.40
22 in. for 20 in. "	1.50


Rolling Stand

Wood Fibre Saucers

Each	Doz.	Each	Doz.
4 in., 12c.	$1.15	10 in., 25c.	$2.25
5 in., 13c.	1.25	12 in., 30c.	2.30
6 in., 15c.	1.35	14 in., 40c.	3.00
7 in., 16c.	1.50	16 in., 60c.	4.50
8 in., 17c.	1.60	18 in., 70c.	6.00
9 in., 18c.	1.75		



ORCHID BASKETS

Teak Wood, with copper suspenders, 1st quality and finish.

	Each.	Doz.
4 in.	$0.35	$4.00
5 in.	.40	4.50
6 in.	.50	5.50
7 in.	.55	6.00
8 in.	.65	7.00
10 in.	.85	9.00
12 in.	1.00	11.00

Climax Lawn Sand

Destroys Weeds on Lawns and Improves the Growth of the Finer Grasses.

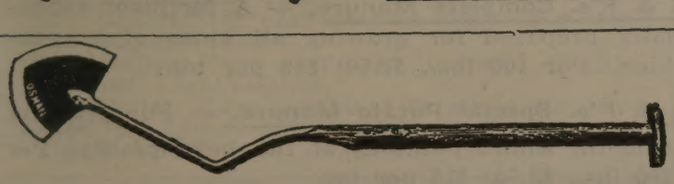
Ask for Particulars

PLANT TUBS

Made from the everlasting Cypress. They are strong, light, and thoroughly serviceable.

OUTSIDE MEASUREMENTS

No	Outside Top Diameter	Bottom	Depth	No of	Wght	Price
2	13½ in	10¼ in	11¼ in	3	9 lb	$1.50
3	14¼ "	12½ "	14 "	3	9½ "	1.75
4	16 "	13½ "	15 "	3	11 "	2.25
5	19 "	16½ "	18 "	4	16 "	3.25
6	22 "	20 "	19¾ "	4	19¼ "	4.00
7	25 "	22¼ "	22 "	5	25 "	5.50
8	26 "	23¼ "	23¾ "	5	27 "	6.50



TURFING IRONS

Solid Steel Cutting Blades, 10 x 7 inches with handles. Each, $3.50.

FERTILIZERS

Bon Arbor. — Used and endorsed by the leading authorities. **Awarded Diploma and Silver Medal at the Royal International Horticultural Exhibition, London, England.** 5 lbs., packages (making 150 gallons), $1.80; 1-lb. package (making 30 gallons), 55c.; ½ lb., package (making 15 gallons), 30c.

A pamphlet giving in detail all the merits of this wonderful Fertilizer and explicit directions for use will be mailed to any applicant.

Totty's Chrysanthemum Fertilizer

(What Mr. Chs. H. Totty says)

We have conducted a series of experiments for the past few years in conjunction with a noted chemist to find the best chemical ingredients to use in the feeding of Chrysanthemums. The fertilizer here offered for sale is the result of these experiments.

The analysis is as follows:

Total Nitrogen, 16 to 18. Equal to Ammonia, 20 to 21. Ammonia, 16 to 17. Soluble Phosphoric Acid, $P_2 O_5$ 6 to 7, Potash, $K_2 O$, 4 to 5.

This fertilizer is absolutely safe when dissolved in water in the proportion of one pound to 50 gallons of water. It may be used in conjunctions with natural fertilizers but, in itself, it furnishes a complete plant food for not only Chrysanthemums but any other plant, such as Roses, that are well rooted and will stand the feeding.

Plants may be watered with this fertilizer once a week in the proportion given, and the results will amply testify to its value. Price: 7 to 10 lbs., 30c. per lb.; from 10 to 50 lbs., 25c. per lb.; from 50 to 100 lbs., 20c. per lb.

Albert's Plant Food — This celebrated plant food, made in Germany, is a scientific preparation containing in a highly concentrated and easily soluble form the food elements required by plants. For palms, ferns, bulbs, and all kinds of potplants, it is the most complete, most effective, most economical, and easiest applied fertilizer made. 1 lb. tins. 25c.; 10 lbs., $1.50; 25 lbs., $3.00.

Evergreen Flower and Lawn Fertilizer. — Is especially prepared for growing Flowers, Ferns, Palms, Shrubs, Grass, etc. It is a highly concentrated homogeneous mixture, contains all the Food Elements necessary to plant and grass growth and is compounded in proper proportion to get the best results. It removes Acid from the soil, thus sweetening sour soil and making it productive. It is absolutely free from germs or disease breeding matter. Tins, 25c. each; 12 lbs., $2.40; 25 lbs., $4.25.

Canary Guano. — Unsurpassed for its excellent results. Provides all the nutriment required by plants. 1 lb., 20c.; 5 lbs., 75c.; 10 lbs., $1.20; 25 lbs., $2.50.

Sweet Pea Manure, Mackereth's Special — A liberal use of this fertilizer prolongs the flowering season and save the grower the trouble of removing the pods which do not develop when this food is regularly supplied. The plants will continue to bloom until frost destroys them. 1 lb., 20c.; 5 lbs., 75c.

"Natural Guano" Pulverized Sheep Manure

Best natural plant food pure and unadultered, unexcelled for lawns; vegetables and flowers. The crude manure is taken from covered barns where sheep are fed for the market and is therefore much richer than manures exposed to the weather. Price for 100 lb.bag, $2.50. Larger quantities quoted on application.

Bone Flower for Quick Action. — Effective as a top-dressing and for mixing in soil. 5 lbs., 25c.; 100 lbs., $3.50.

Bone Meal for General Use. — Pure ground bone, not quite so finely ground as the preceding. 5 lbs., 25c.; 100 lbs., $3.00.

Scotch Soot. — A fertilizer and fungicide. One of the best remedies and preventatives for mildew, when mixed with sulphur, at the rate of two-thirds soot and one-third sulphur. As a fertilizer it promotes growth, and heightens color of foliage and flower. Price, 10 lbs., 50c.; per 100 lbs., $2.50.

Unleached Hardwood Ashes. — No weeds to bother you when you use ashes. Well screened and dry. Per 100 lbs., $1.50. Special price for large quantities.

D. & F.'s Lawn and Garden Fertilizers

A fertilizer, especially prepared for us, entirely from chemicals, and designed for top dressing lawns. It is quick and lasting in its effects, and produces a thick, velvety sward, which will withstand both the winter's cold and summer's heat. When used in growing early vegetables, its richness in ammonia and potash results in vegetables, particularly tender, bright and crisp. 5 lbs., 30c.; 10 lbs., 50c.; 100 lbs., $3.00.

Nitrate of Soda. — A fertilizer for all crops. It is very quick in action and hastens maturity of crops fully two weeks. Being quickly soluble, it should not be applied until the plants are above ground, when 200 to 300 lbs., mixed with land plaster is sufficient per acre. Nitrate of Soda does not exhaust the land. 5 lbs., 35c.; 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.00. Large quantities, prices on application.

Muriate of Potash. — A high-grade fertilizer, and one of the best for use, especially for Orchard and Peach cultivation, and as a general stimulator. Price, per lb., 5c.; 10 lbs., 50c.; 100 lbs., $3.25.

Sulphate of Potash. — A desirable form of Potash to be used on all crops, but especially on tobacco, hops, potatoes, flax, sugar beets, cabbage or cauliflower. Use 50 to 400 lbs., per acre. Price, 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., $1.10; 50 lbs., $2.00; 100 lbs., $3.75.

Sulphate of Ammonia. — Used for its Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or 3 gallons of water. Price, 1 lb., 25c.; 5 lbs., 60c.

Phosphate, Thomas' Basic Slag.—An important top dressing for lawns, meadows, permanent pastures, grain lands, and all kinds of fruit trees and bushes, also its use sweetens the soil and makes a quick, luxuriant growth, eliminating the use of lime. Strong in phosphoric acid, and rich in lime properties. Apply 600 to 800 pounds to the acre. 100 lb. bag, $2.00; per ton, $21.00.

Land Plaster, or Gypsum. — Valuable for soils requiring lime and sulphate; good for sour soil. 100 lbs., 75c.

D. & F's. Complete Manure. — A fertilizer especially prepared for growing all kinds of vegetables. Per 100 lbs., $2.50; $40 per ton.

D. & F's. Special Potato Manure. — For growing smooth, sound potatoes of the best quality. Per 100 lbs., $3.50; $45 per ton.

INSECTICIDES

Alphol. — For destroying slugs, ants, wire worms, woodlice and other insects infesting the soil. When making up heaps of potting soil manure or leaf mould use Alphol freely or in the open ground. 7 lbs., 80c.; 14 lbs., $1.50; 28 lbs., $2.50; 56 lbs., $4.00; 112 lbs., $6.50. Full particulars on application.

Arsenate of Lead. — For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth. It comes in paste form, and dilutes 1 lb. to 18 gals. water. Per lb., 35c.; 5 lbs., $1.25; 10 lbs., $2.00.

Black Leaf 40. — A concentrated solution of Nicotine Sulphate, an excellent spray for black aphis sucking insects of all kinds; dilutes 1 part to 900 or 1,600 parts of water, according to treatment. Full directions on each package. ½ lb., $1.25; 2½ lbs., $4.25.

Bug Death. — Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb., 15c.; 3 lbs., 35c.; 5 lbs., 50c.; 12½ lbs., $1.00; 100 lbs., $7.50. (Special Shaker for Bug Death, 40c.)

Fir Tree Oil. — Used for destroying mealy bug, red spider, and mild forms of scale. Also to spray for thrip, green fly, etc. It is diluted in water according to directions for various purposes. Per ½ pt. 50c.; per pint, 75c.; per qt., $1.50.

Fungine. — An excellent remedy for fungous diseases of all kinds. Per qt., $1.00; per gal., $3.00.

Aphine. — Aphine will destroy Green, Black and White Fly, Red Spider, Thrips, Mealy Bug Brown and White Scale, without the slightest injury to the tenderest flower or foliage — it invigorates plant life. A practical insecticide for flower growers. Gallons, $3.50; quarts, $1.50; pints, $1.00; half pints, 75c.; ¼ pint, 40c.

Aphis Punk. — Is lighted with a match and allowed to burn, which it does without flaming; kills aphis and thrips very effectively. A box contains one dozen rolls — sufficient for fumigating 600 feet of floor space. Pkt 75c.

Gishurst Compound. — Box, 50c.; large box, $1.25. Destroys Red Spider, Scale, Mealy Bug, Green Fly, etc.

WEEDS UTTERLY DESTROYED
By One Thorough Application of
HERPICIDE

One thorough application will keep Gutters, Paths, and Roadways clear of weeds, Poison Ivy, Grasses, Mosses, Johnson Grass, Dandelions, Burdocks, Canada Thistles, etc.
In ½ Gallon Tins sufficient to make 10 gallon of Liquid—$1.25.
In 1 Gallon Tins sufficient to make 20 gallon of Liquid—$2.00.
In 2 Gallon Kegs sufficient to make 40 gallon of Liquid—$3.60.
In 5 Gallon Kegs sufficient to make 100 gallon of Liquid—$7.00. Full particulars on application.

Hellebore. — The ideal material for destroying rose bugs, currant worms, and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. Per lb., 30c.

Pyrethrum Insect Powder. — Lb., 75c.

Ant Destroyer. — Rid your Lawns and Tennis Courts of Ants. It only takes about three days to do it by putting as much ant destroyer as will lay on a dime to each ant hill once a day, usually only three applications are necessary. Price, per lb., 85c.

Nicoticide. — 1 pint for 32,000 cubic feet, $3.25; ½ pt., for 16,000 cubic-feet, $1.75; ¼ pt., for 8,000 cubic-feet, $1.00.

Fumigators for above, 75c. each.

Nikoteen. — Remedy against Aphis, Red Spider, Thrip, Plant Louse, Mealy Bug and other insects. Per pint, $2.00; ½ pint, $1.25; gallon, $14.00.

Nico-Fume. — Tin cans containing 24 sheets, $1.25; 144 sheets, $5.50.

English Soft Soap. — Specially selected as an insecticide. Price, in 2 lb. tins, 50c.; 4 lb. tins, 75c.; 7 lb. tins, $1.00; 28 lb. tins, $3.50

Paris Green. — For potato bugs and other eating insects. 1 lb., 30c.; 5 lbs., $1.25.

Sulphate of Copper. — For destroying fungous diseases of all kinds, also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Where used as a Bordeaux mixture it requires four pounds Sulphate of Copper to 6 pounds Lime, which is diluted in 50 gallons of water. Per lb., 15c.; 10 lbs., $1.25; 25 lbs., $2.50; 100 lbs., $8.50.

Sulphur. — Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime and salt. Per lb., 10c.; 5 lbs., 30c.; 25 lbs., $1.25; 100 lbs., $4.00

Scaline. — A Scalecide, Insecticide and Fungicide combined. Used at a strength of one to twenty parts water for Scale, one to fifty for other sap sucking insects. An effective spray for San José and other Scale. Contains no sediment and can be applied with the finest spray nozzle. Qt., 75c.; gal., $2.50.

Slug Shot. — The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. Per 5 lbs., 35c.

Special Shaker for Slug Shot, 40c.

Readeana, (Rose Bug Exterminator). — A poisonous preparation which dilutes in water. Used for destroying rose bugs, green fly, mealy bug, blight, mildew, etc. Sold in 75c., $1.35. and $2.50 bottles.

Tobacco Dust for dusting only. Excellent for Lettuce and other plants to destroy soft, creeping insects. Per lb., 15c.; 5 lbs., 50c.; 10 lbs., 80c.; 25 lbs., $1.75; 100 lbs., $6.00.

Apterite. — Apterite is a gray non-poisonous powder which, when it comes into contact with soil, gives off a vapor. This vapor kills all underground insects such as Wireworms, etc. Apterite is for soil application — not for the leaves of the plant. Apterite should be uniformly distributed on the surface or in the soil among the insects, so that the gas evolved may destroy them. 1 lb., 30c.

Sulpho-Tobacco Soap. — Full directions with each cake. Destroys lice, green-fly, mealy bug, red spider, etc. 8 on., Cake makes 4 gallons prepared solution, 25 c.; 10 lbs. Cake makes 80 gallons prepared solution, $3.00.

INSECTICIDES—Continued

X. L. All Liquid Insecticide. — For spraying. English preparation; purely nicotine; harmless to very delicate plants; kills mealy bug, red spider, and all insect pests. Pt., $1.00; qt., $1.50.

Whale Oil Soap. — Used during the summer as a wash, thus preventing the spread of scale. 1 lb., 30c.

Thrip Juice. — For mealy bug, scale, thrip, codling moth, canker worms, beetles, caterpillars, etc. Per ½ pint, 65c.; pint, 90c.; qt., $1.25; gal. $2.50.

CLIMAX LAWN SAND

For destroying Daisies, Dandelions, Plantains, Ribbed Grass, Thistles, and other weeds on Lawns, Croquet Grounds, Bowling Greens, Parks, etc., at the same time acting as a fertilizer, and improving the growth and color of the grass.

PRICES

Price	3½	lbs. Tin	$0.50
Price	7	lbs. Tin	0.80
Price	14	lbs. Tin	1.50
Price	28	lbs. Wooden keg	2.50
Price	56	lbs. Wooden keg	4.00
Price	112	lbs. Wooden keg	6.50

Booklet Sent Free Giving Full Particulars.

Worm Eradicator (Radix). — Destroys worms in lawns, on tennis courts and putting greens. One gallon makes 100 gallons of treating liquid, $2.00 per gal.; 5 gal., $9.25; 25 gal., $37.50. Powder form: 1 lb. making 30 gallons of liquid, 60c. per lb.

Worm Eradicator (Reade's Electric). — This has been found to effectually destroy worms in greenhouse benches and in potted plants or for outdoor use, in the flower and vegetable garden, or among trees. It may be used with perfect safety, and results are sure. Per bottle, 75c. and $1.35.

Vaporizer, Campbell's Patent Sulphur. — Designed to vaporize sulphur in greenhouses without danger. Most useful for killing mildew and other fungous diseases.

No. 1 for houses up to 5,000 cubic ft of space $6.00
No 2 for houses up to 10,000 cubic ft of space $7.50

French Bordeaux Mixture

Ready for immediate use by dilution. It works freely without clogging in any spraying machine. The uniformity of its consistence permits of very fine spray, and consequently large economical distribution of a small quantity evenly over a large area of surface. It sticks effectively. Qt. tin., 50c., one gallon tin, $1.50.

PYROX

Pyrox kills all leaf-eating insects and prevents disease.

It serves the purposes for which two mixtures were previously used. It is no experiment; it was introduced in 1898. It is a **creamy paste that looks like paint, is easily mixed with cold water, and sticks like paint to the foliage. It won't wash off.**

Bowker's Pyrox is a combination of arsenate of lead and Bordeaux. It is a mixture with reliability and brains behind it; a mixture with laboratory and field experience to support it; a mixture made by careful methods in a modern plant under expert supervision. Such a combination costs more to make and is worth more to buy because of the insurance the name affords against haphazard preparations.

It won't wash off. If it were not for the new growth coming along, as is usually the case with shade trees, fruit trees, shrubs, potato vines, etc., and which, of course, must be protected one spraying would be enough for the season.

Prices, 1 pound (not mailable), 40c.; 5 pounds, $1.75; 10 pounds, $3.00; 25 pounds, $6.00; special price on application.

Always select a clear day for spraying your fruit.

WIKEHAM WEED ERADICATOR

The only instrument (when filled with Weed Killer) that will **effectually destroy** Dandelions, Docks, and other coarse weeds in Lawns, etc., without injury to the surrounding grass. Each, $3.50.

Liquid Weed Killer. — A special preparation which dissolves in water. Will destroy all weeds, moss, etc., on gravel walks, carriage drives, etc., and keeps them under control the whole season.

All who have used this preparation praise it highly. Full directions on each package. Per qt., $1.00; gallon, $2.50.

TREE TANGLE FOOT

A perfect safeguard for trees against Gypsy Brown-Tail, and Tussock Moth, caterpillars, Canker Worms, Cut Worms Ants and other creeping insects.

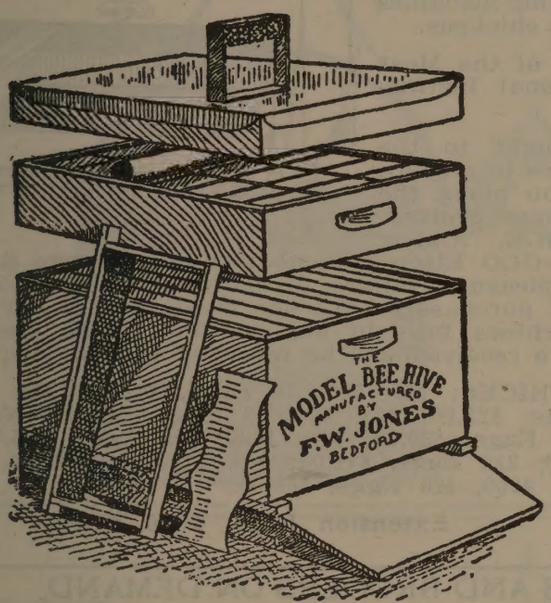
It will remain sticky about three months fully exposed to weather. One pound will make a band 7 to 8 feet long. 1-lb. can, 35c.; 3 lbs., $1.00; 10 lbs., $3.10; 20 lbs., $5.65.

CALDWELLS (Cream Substitute) CALF MEAL

Specially prepared for young calves, colts, lambs and pigs.

Perfect Milk Substitute. Will raise or veal calves at from one-third to one-quarter the expense of feeding milk. Raises better calves and saves the milk. You can't afford not to use it. Used and indorsed by experimental stations and farmers all over the world. It is absolutely the only milk substitute that contains all the elements necessary for bodily growth in the correct proportions. Feeding directions with every order. Per 25 lbs., $1.00; 100 lbs., $3.75.

BEE KEEPERS SUPPLIES



THE IMPROVED MODEL BEE-HIVE

This Hive has been very extensively sold in every Province of the Dominion, and to considerable extent in the Northern States and Europe. It is unquestionably the best Hive in use for our climate.

Price: complete with foundation starters in frames and sections, and painted.

1 to 4, each $2.20; 5 or more, each $2.10. In flats not nailed up; price: 1 to 4, each, $1.65; 5 or more each, $1.55.

Brood Frames. — Langstroth frames, in flat, with top bar grooved for inserting foundation, $3.00 per 100.

Hoffman self-spacing Frames, in flat, including the wedges, $1.75 for 50, $3.35 per 100. Staple-spaced frames, including Staples, $3.35 for 100.

Bee Veils. — Good material with silk tulle face, 50c. each.

Bee Feeders. — MILLER FEEDER with entrance at side instead of the middle, which we consider preferable. Nailed up complete 50c.

Wood Separators. — 4¼ x 12¾ in. long, slotted, per 100, 70c.; per 500, $3.25; per 1,000, $6.00. Longer than this, up to 20 in. as desired, 80c., per 100, $3.75 per 500; or $7.00 per 1,000.

Section Honey Boxes. —	Plain Top	Split Top
Prices per 100	$0.75	$0.85
per 250	1.50	1.75
per 500	2.75	3.00
per 1000	5.50	6.00

COMB FOUNDATION	Per lb.	5 lb.
Medium Brood. For brood frames	$0.60	$2.90
Light Brood. For brood frames	.62	3.00
Thin Super. For section boxes	.68	3.25
Ex. Thin Super	.70	3.40

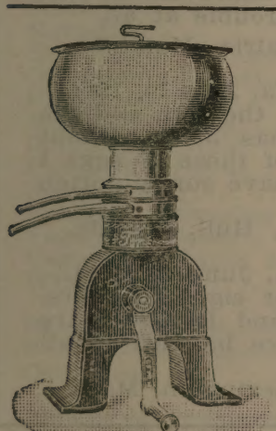
Bee Smokers (Bingham Patented Smoker. — Large Conqueror size, fire box being long and 3-in. in diameter, with bent nozzle, wide shield, and handle to remove top for refilling, $1.00 and $1.25 each.

Honey Extractors, (Reversible Automatic). — Taking 4 frames not over 9½ x 18 in., $24.50; 4 frames not over 12 x 18 in., $27.50; 6 frames, common size, $32.00; a larger 6 frame size, up to 12 x 18 in., $35.00.

Rubber Gloves. — Ladies' size, $1.75. Gentlemen's, $2.00 per pair.

Honey Knives. — Jones' style, 90c. Novice' style 90c., each.

Bee Escapes. — These will be found of great value when taking off honey. Each, 30c.



SWEDISH SEPARATORS

Adapted to best meet the requirements of the family with one cow or more. They are manufactured in Stockholm, Sweden, the birthplace of the cream separator industry.

The "Wasa" Separator, Capacity 15 gallons per hour..... $15.00
The "Tor" Separator, Capacity 30 gallons per hour..... $22.00

The above separators are guaranteed to be as represented and to fulfill all the claims made for them. Illustrated CATALOGUE giving full particulars, FREE on request.

Send for our "Complete Catalogue," Which Illustrates and Describes all the Latest Poultry Supplies **Model Incubators.**

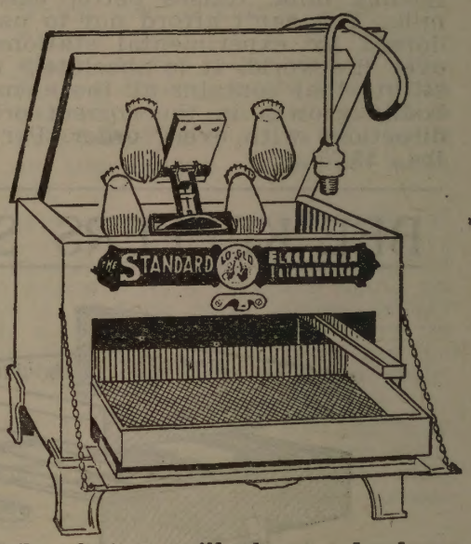
Electrifying the Poultry Business"

HATCHING BY ELECTRICITY

THE METHOD THAT ELIMINATES CHANCE AND INSURES BIGGER HATCHES OF HEALTHIER CHICKS.

LO-GLO INCUBATORS

The LO-GLO INCUBATORS described herein are made of Metal; and are operated exclusively by the Modern Scientific, Perfectly Controlled Force.



ELECTRICITY

Smoke, Smell, Soot, Fire, Overheating or Chilling are avoided; and the labor of Heating consists in touching a button. Wherever an electric wire is run the LO-GLO can be used. In towns where either the law or insurance regulations forbid the use of oil lamp machines in the House people can now with these Incubators raise chickens.

LO-GLO INCUBATORS have been adopted by some of the Most Progressive Poultry Plants and discriminating Educational Institutions.

LO-GLO ELECTRIC INCUBATOR have been brought to the highest state of perfection, and mark a marvellous advance in modern hatching. All of the objectionable features of incubation along the old lines have been eliminated, and a new system has been evolved, which is ECONOMICAL, EFFICIENT and DEPENDABLE. Among the many superior features, we draw attention to the following: **First.** Simplicity of operation. The heat-giving current is supplied by merely turning a socket key. **Second.** Pure air and perfect ventilation. **Third.** Heat and moisture under perfect control. **Fourth.** Absence of all smoke, soot, fumes and smell. **Fifth.** Danger of fire eliminated. **Sixth.** Not affected by dampness or moisture.

Beautiful in appearance, compact, fireproof, can be placed anywhere, and is in its place everywhere. Endorsed by the first breeders of the land, the LO-GLO is without a rival. The use of the LO-GLO Electric Incubators will change drudgery to pleasure, failure to success, expense to profit, and purchasers have our word that, if any of our machines fails in any particular, the money we have received will be refunded without a question.

PRICES: No. 500, 50 Eggs, $19.00; No. 650, 65 Eggs, $23.00; No. 850, 85 Eggs, $26.25; No. 1200, 120 Eggs, $30.00; No. 1600, 160 Eggs, $35.00; No. 2100, 210 Eggs, $41.00; No. 3100, 310 Eggs, $55.00; No. 4200, 420 Eggs, $68.00.

Extension Legs, $1.50 extra.

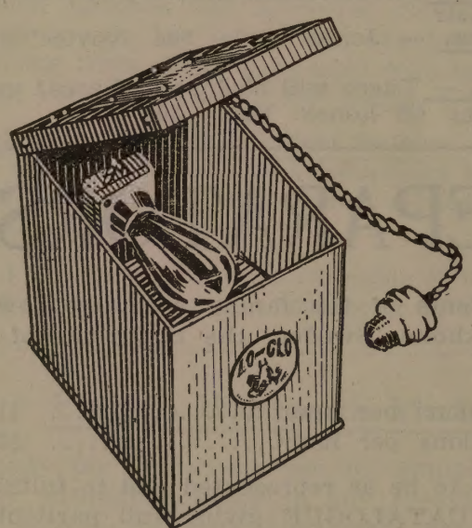
CATALOGUE OF LO-GLO INCUBATORS AND BRODERS ON DEMAND

ELECTRIC EGG TESTER

All metal construction with a powerful reflector, 6 feet of flexible wire and plug attachment. Can be used also as a Candling Box.

A wonderfully efficient device, practical and made on the same scientifically accurate lines as the "LO-GLO" Electric Incubators.

This tester should be ordered with all machines. Price $3.25.



Portage La Prairie, Manitoba.

"I used my "LO-GLO" Electric Incubator with the very best results. It holds the heat at the proper temperature all the time with practically no change, and brings out big hatches. The "LO-GLO" is certainly a great improvement over hot air and hot water machines, and is no trouble at all."

I. P. PORTER, Portage La Prairie, Manitoba.

Hull, Canada, July 14, 1914.

"Now you must note that on the night of the 20th and the 21st a big storm came, and the machine has been without current for **nine consecutive hours,** and out of these 27 eggs I got 22 chicks. If this didn't happen I would have surely gotten a better percentage."

JOSEPH E. BENOIT, Hull, Canada.

Lexington, Mass., June 25, 1914.

"I have used Incubators and Brooders for eighteen years, and I can say that "LO-GLO" Incubators and Brooders are the safest and most efficient machines I have handled in all that time."

SAMUEL KNOWLES, 46 Lincoln St., Lexington, Mass.

Send for our "Complete Catalogue", which illustrates and describes the Latest and best Incubators, Brooders and all the Latest Poultry Supplies.

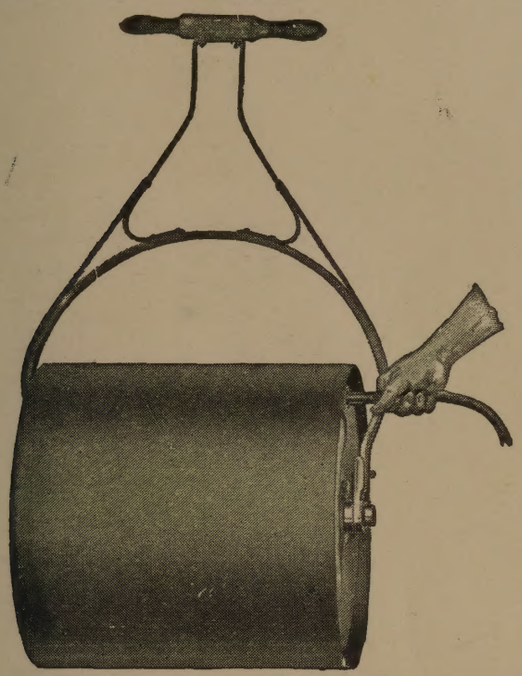
The Dunham Water Ballast Lawn Rollers

Roller Bearing can be filled, without turning on end, with either water or sand. Patented. Suitable for lawns, tennis courts and putting greens.

The advantage of a roller, the weight of which can be increased or lightened at pleasure, can scarcely be overestimated. Often on light or sandy soil, or on newly made lawns, or in early spring when the ground is moist, or after a rainy spell, a lighter-weight roller is a necessity; then on thick sward or on hard soil, on walks and roads, a heavy roller is needed. With a **Water Ballast Roller** one can secure any weight desired, between minimum and maximum.

These are perfect rollers, and do perfect work on lawns, tennis courts, golf grounds, roads, walks, etc. They will be found practically noiseless and very durable. The rolling surfaces are smooth and will not gather grass or soil; the sections fit closely, leaving no mark, and the diameters are large, insuring a lighter draft for a given weight than is usual.

The outer edges are rounded and will not cut up the lawn or tennis court. The longitudinal seam is welded from the inside, so that the seam accross the face of the roller is as smooth as any part of the face itself.



Price List and Scale of Sizes

No. HW2. Diameter, 14 in.; Length, 20 in.; Section, 1; Weight empty, 120 lbs.; Filled with water, 260 lbs.; Filled with sand, 360 lbs. Price, $12.50.

No. HW4. Diameter, 18 in.; Length, 24 in.; Section, 1; Weight empty, 135 lbs.; Filled with water, 360 lbs.; Filled with sand, 560 lbs. Price, $14.50.

No. HW6. Diameter, 24 in.; Length, 24 in.; Section, 1; Weight empty, 180 lbs.; Filled with water, 560 lbs.; Filled with sand, 860 lbs. Price, $18.50.

No. HW8. Diameter, 24 in.; Length, 32 in.; Section, 1; Weight empty, 200 lbs.; Filled with water, 710 lbs.; Filled with sand, 1060 lbs. Price, $20.50.

No. HW10. Diameter, 18 in.; Length, 24 in.; Section, 2; Weight empty, 160 lbs.; Filled with water, 360 lbs.; Filled with sand, 560 lbs. Price, $19.50.

No. HW12. Diameter, 24 in.; Length, 32 in.; Section 2; Weight empty, 230 lbs.; Filled with water, 710 lbs.; Filled with sand, 1060 lbs. Price, $25.50.

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Dupuy & Ferguson.

Seedsmen,

Seed Annual.

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MONTREAL.

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BLAKE & MACKENZIE LTD LIVERPOOL